Nikon

D I G I T A L   P H O T O   S T O R A G E   V I E W E R

COOLWALKER
MSV-01

●COOLWALKER MSV-01 (En)●

POWER   ACCESS   MSV-01

COOLWALKER

Nikon

CE

User's Manual

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Introduction

Thank you for your purchase of the Nikon COOLWALKER MSV-01 digital photo storage viewer. This manual has been written to help you get the most out of your Nikon COOLWALKER MSV-01. Read this manual thoroughly before use, and keep it where all those who use the product will read it.

To make it easier to find the information you need, the following symbols and conventions are used:

✔	This icon marks cautions, information that should be read before use to prevent damage to your COOLWALKER MSV-01.	✎	This icon marks notes, information that should be read before using your COOLWALKER MSV-01.
🔍	This icon marks tips, additional information that may be helpful when using your COOLWALKER MSV-01.	👁	This icon indicates that more information is available elsewhere in this manual.

For Your Safety

To prevent damage to your Nikon product or injury to yourself or to others, read the following safety precautions in their entirety before using this equipment. Keep these safety instructions where all those who use the product will read them.

The consequences that could result from failure to observe the precautions listed in this section are indicated by the following symbol:

⚠	This icon marks warnings, information that should be read before using this Nikon product to prevent possible injury.

⚠ Warnings

⚠ **Turn off immediately and unplug in the event of malfunction**

Should you notice excessive heat, smoke or an unusual smell coming from the equipment or from the AC adapter, unplug the AC adapter and remove the battery pack immediately, taking care to avoid burns. Continued operation could result in injury or fire. After removing the battery pack, take the equipment to a Nikon-authorized service representative for inspection.

⚠ **Do not use in the presence of flammable gas**

Do not use electronic equipment in the presence of flammable gas, as this could result in explosion or fire.

⚠ **Do not disassemble or modify**

Touching the product's internal parts could result in injury. In the event of malfunction, the product should be repaired only by a qualified technician. Should the product break open as the result of a fall or other accident, take the product to a Nikon-authorized service representative for inspection after unplugging the AC adapter and removing the battery pack.

⚠ **Keep dry**

Do not immerse in or expose to water

Continuing to use the product under such circumstances may cause fire or an electric shock.

⚠ Do not place the strap around the neck of an infant or child

Placing the case strap around the neck of an infant or child could result in strangulation.

⚠ Use only the specified batteries and AC adapter

Using non-specified accessories may cause fire or an electric shock.

⚠ Use appropriate cables

When connecting cables to the input and output jacks, use only the cables provided or sold by Nikon for the purpose, to maintain compliance with product regulations.

⚠ Keep out of reach of children

Particular care should be taken to prevent infants from putting the small parts into their mouths.

⚠ Do not touch the power plugs during thunderstorms while you are using the AC adapter

Failure to observe this precaution may lead to an electric shock.

Keep clear of the device until the thunderstorm has stopped.

⚠ Removing memory cards

Memory cards may become hot during use. Observe due caution when removing memory cards from the MSV-01.

⚠ CD-ROMs

The CD-ROMs on which the software and manuals are distributed should not be played back on audio CD equipment. Playing CD-ROMs on an audio CD player could cause hearing loss or damage the equipment.

⚠ Avoid contact with liquid crystal

Should the monitor break, care should be taken to avoid injury due to broken glass and to prevent liquid crystal from the monitor touching the skin or entering the eyes or mouth.

⚠ Observe proper precautions when handling the batteries

The batteries may leak or explode if improperly handled. Observe the following precautions when handling the batteries for use in this product:

- Before replacing the battery pack, turn the product off and make sure the power-on lamp has gone out. If you are using an AC adapter, be sure it is unplugged.
- Use only Rechargeable Lithium-ion Polymer Battery EN-EL6 (the battery pack) for the main unit. To charge the battery pack, attach it to the MSV-01 and connect the supplied AC adapter. Do not use any other device or method to charge the battery pack.
- Use only CR2025 Lithium Battery for the remote control unit.
- When inserting the batteries, do not attempt to insert them upside down or backwards.
- Do not short or disassemble the batteries.
- Do not expose the batteries to flame or to excessive heat.
- Do not immerse in or expose to water.
- Do not transport or store with metal objects such as necklaces or hairpins.
- Batteries are prone to leakage when fully discharged. To avoid damage to the product, be sure to remove the batteries when no charge remains.
- Stop charging the battery pack if charging fails to complete once the specified charging time has been exceeded.
- Immediately after use, or when the product is used on battery power for an extended period, the battery pack may become hot. Before removing the battery pack, turn the device off and allow the battery pack to cool.
- Discontinue use immediately should you notice any change in the batteries, such as discoloration or deformation.
- Take warning and caution labels on the batteries seriously and follow all safety precautions.
- If leaked fluid from the batteries comes in contact with the eyes, rinse in clean water and seek medical attention immediately. Wash off any leaked fluid from the batteries that comes into contact with skin or clothing immediately using clean water.
- Keep out of reach of children. Particular care should be taken to prevent infants from putting the batteries into their mouths. Should they swallow, seek medical attention immediately.

⚠ **Observe proper precautions when using the AC adapter**

Improper use of the AC adapter may result in electric shock or fire. Observe the following precautions when using the AC adapter with this product:

- Do not disassemble, repair or modify the AC adapter.
  In the event of malfunction or should the AC adapter break open as the result of a fall or other accident, unplug and take the AC adapter to a Nikon-authorized service representative for inspection.
- Keep dry.
- Do not use in the presence of flammable gas.
- Keep the AC adapter clean of dust. If dust or grime becomes attached to the metal contacts or body of the power plug, remove it with a dry cloth. Continuing to use the product in these circumstances may cause fire.
- Do not connect or disconnect the AC adapter power plug with wet hands, as this may cause an electric shock.

Notices

- No part of the manuals included with this product may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language in any form, by any means, without Nikon's prior written permission.
- Nikon reserves the right to change the specifications of the hardware and software described in these manuals at any time and without prior notice.
- Nikon will not be held liable for any damages resulting from the improper use of this product.
- While every effort has been made to ensure that the information in these manuals is accurate and complete, we would appreciate it were you to bring any errors or omissions to the attention of the Nikon representative in your area (address provided separately).

Notice for customers in the U.S.A.

Federal Communications Commission (FCC) Radio Frequency Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ television technician for help.

Nikon   MSV-01
FC Tested To Comply
With FCC Standards
FOR HOME OR OFFICE USE
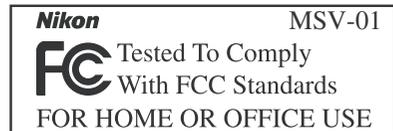
CAUTIONS

Modifications

The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by Nikon Corporation may void the user's authority to operate the equipment.

Interface Cables

Use the interface cables sold or provided by Nikon for your equipment.

Using other interface cables may exceed the limits of Class B Part 15 of the FCC rules.

Notice for customers in the State of California

WARNING: Handling the cord on this product will expose you to lead, a chemical known to the State of California to cause birth defects or other reproductive harm.

Wash hands after handling.

Nikon Inc.,

1300 Walt Whitman Road, Melville, New York 11747-3064, U.S.A.

Tel.: 631-547-4200

Notice for customers in Canada

CAUTION

This class B digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations.

ATTENTION

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

Notice Concerning Prohibition of Copying or Reproduction

Note that simply being in possession of material that has been digitally copied or reproduced by means of a scanner, digital camera or other device may be punishable by law.

- **Items prohibited by law from being copied or reproduced**

  Do not copy or reproduce paper money, coins, securities, government bonds, or local government bonds, even if such copies or reproductions are stamped "Sample."

  The copying or reproduction of paper money, coins, or securities which are circulated in a foreign country is prohibited.

  Unless the prior permission of the government has been obtained, the copying or reproduction of unused postage stamps or post cards issued by the government is prohibited.

  The copying or reproduction of stamps issued by the government and of certified documents stipulated by law is prohibited.

- **Cautions on certain copies and reproductions**

  The government has issued cautions on copies or reproductions of securities issued by private companies (shares, bills, checks, gift certificates, etc.), commuter passes, or coupon tickets, except when a minimum of necessary copies are to be provided for business use by a company.

  Also, do not copy or reproduce passports issued by the government, licenses issued by public agencies and private groups, ID cards, and tickets, such as passes and meal coupons.

- **Comply with copyright notices**

  The copying or reproduction of copyrighted creative works such as books, music, paintings, woodcut prints, maps, drawings, movies, and photographs is governed by national and international copyright laws.

  Do not use this product for the purpose of making illegal copies or to infringe copyright laws.

📝 A built-in hard disk drive requires careful handling.

This Product is a High-precision Device Containing Internal Hard Disk Drive.

- Read "For Your Safety" and "Caring for Your COOLWALKER MSV-01" before use, and be very careful when handling the product. Damage to the hard disk drive will not only require high repair expenses, but can also cause corruption or irreversible loss of the stored data.
- After copying, moving recorded data, or performing any other saving operation, confirm that the data have been correctly stored in the destination location.
- Ensure that your data is backed up using another recording medium.
  Nikon will not be held liable for any damages resulting from deletion, loss and damage of recorded data.

☑ Use only electronic accessories approved for use with this product

This product is designed to the highest standards and includes complex electronic circuitry. Only the electronic accessories (including battery pack and AC adapter) certified by Nikon specifically for use with this Nikon product are engineered and proven to operate within the operational and safety requirements of this electronic circuitry.

THE USE OF ELECTRONIC ACCESSORIES NOT APPROVED BY NIKON SPECIFICALLY FOR USE WITH THIS PRODUCT COULD DAMAGE THIS PRODUCT AND MAY VOID YOUR NIKON WARRANTY.

The use of third-party rechargeable Li-ion polymer batteries not approved by Nikon could interfere with normal operation of this Nikon product or result in the batteries overheating, igniting, rupturing, or leaking.

For more information about Nikon brand accessories, contact a local authorized Nikon dealer.

🔍 Life-Long Learning

As part of Nikon's "Life-Long Learning" commitment to ongoing product support and education, continually-updated information is available on-line at the following sites:

- For users in the U.S.A.: *http://www.nikonusa.com/*
- For users in Europe: *http://www.europe-nikon.com/support*
- For users in Asia, Oceania, the Middle East, and Africa: *http://www.nikon-asia.com/*

Visit these sites to keep up-to-date with the latest product information, tips, answers to frequently asked questions (FAQs), and general advice on digital imaging and photography. Additional information may be available from the Nikon representative in your area. See the URL below for contact information: *http://nikonimaging.com/*

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Table of Contents

About the COOLWALKER MSV-01

The diagram below illustrates the functions of the MSV-01.
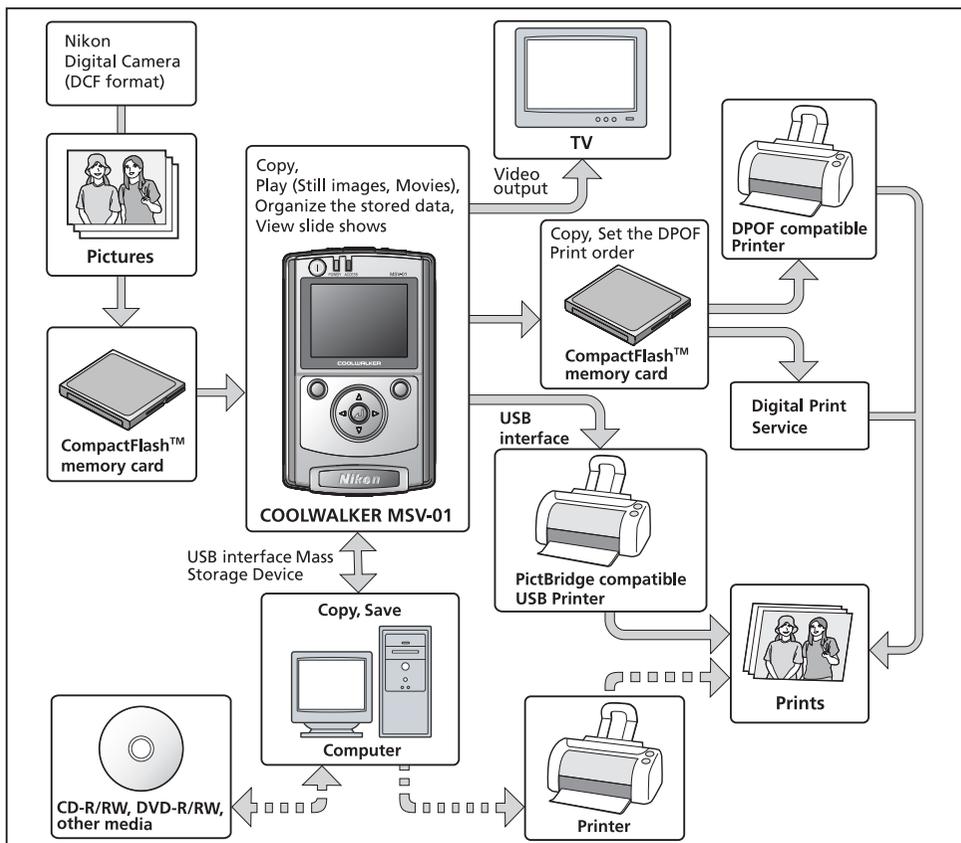
📝 Supported Image Data Formats

- The COOLWALKER MSV-01 supports image data recorded with Nikon digital cameras (DCF format).
- The COOLWALKER MSV-01 supports NEF (Nikon Electronic Image Format) files (RAW files containing embedded preview images).
- Images taken with cameras from other manufacturers or images edited using a computer may not be displayed or printed correctly.
- The **DPOF printset** function supports only JPEG images stored on a CompactFlash™ card.
- The COOLWALKER MSV-01 supports JPEG images for printing via direct USB connection (PictBridge).
- For information on image data supported for displaying, please see "Image Data Supported for Playback" (🔖 15) and "Specifications" (🔖 65).

Check the Package Contents

Unpack the COOLWALKER MSV-01 box and check the contents to make sure that you have all the items listed below.

COOLWALKER MSV-01
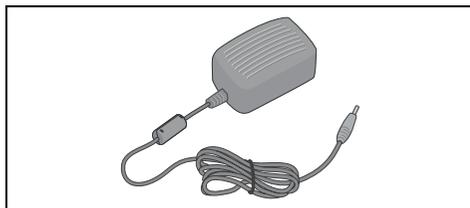
AC Adapter DSA-0151F-05

User's Manual (this manual)

Remote Control Unit ML-CW1
(CR2025 Lithium Battery included)
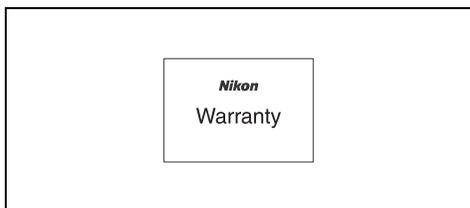
Warranty
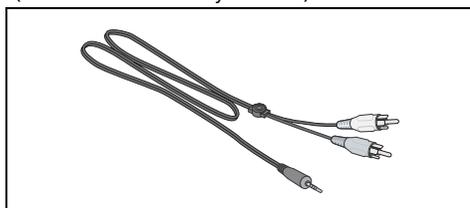
Audio/Video (A/V) cable EG-CW1

Soft Case CF-CW1
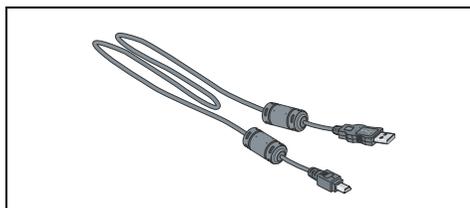
USB interface cable UC-E9

MSV-01 Windows® 98 SE Driver Installer CD

Battery pack case (for use with the removed battery pack)

Parts of the COOLWALKER MSV-01

Main Unit

Power-on lamp
(10)

HDD Access lamp (flashes
during reading from or
writing to the internal HDD)

Power switch
(10)

LCD Monitor

Right function button
(Right button)
(6)

Multi selector
(6)

Left function button
(Left button) (6)

Enter button
(6)

Remote-control sensor
(6)

Memory card slot cover
(12)

Memory card slot
(12)
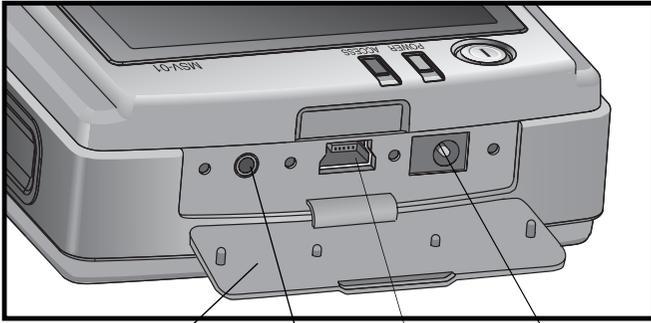
Interface connector cover

DC-in connector (🔍 8)

Audio/Video-out connector (🔍 35)

USB connector (🔍 30, 42)
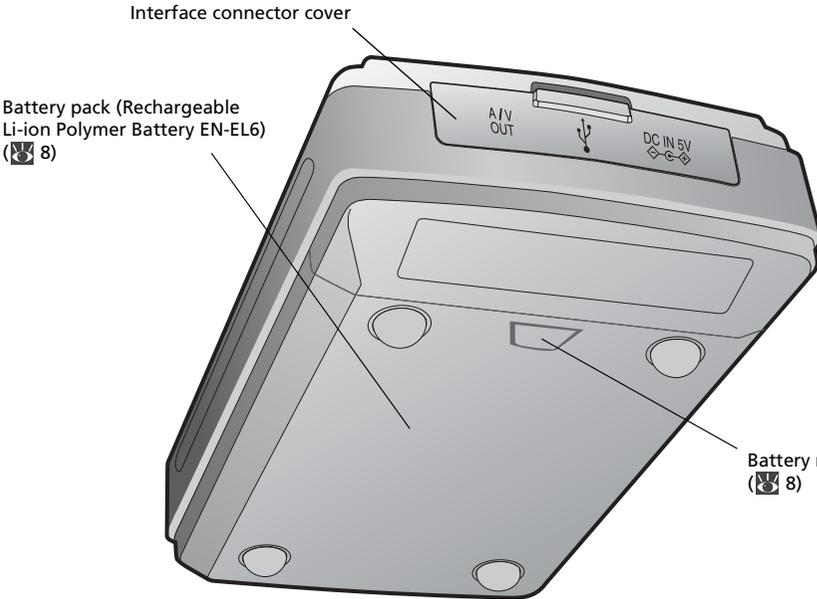
Interface connector cover

Battery pack (Rechargeable Li-ion Polymer Battery EN-EL6) (🔍 8)

Battery release button (🔍 8)

☑ **Battery Release Button**

• Do not press the battery release button when charging the battery pack or when operating the MSV-01.
• Make sure to turn the MSV-01 main unit off and disconnect the AC adapter before removing the battery pack.

Remote Control Unit

Remote control transmitter

Power OFF button
(👁 10)

Rotate button

Left function button
(Left button)
(👁 6)

Right function button
(Right button) (👁 6)

Multi selector
(👁 6)

Enter button
(👁 6)

Nikon
ML-CW1

Battery holder (CR2025 lithium battery)

📝 Before Using the Remote Control Unit Remove the Insulating Tape.

Nikon
ML-CW1
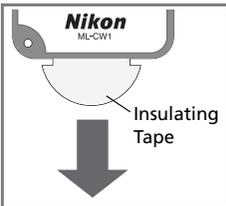
Insulating
Tape

The remote control unit is shipped with an insulating tape in the battery holder. Before using the remote control unit remove the insulating tape, pulling it in the direction indicated by the arrow.

Inserting the CR2025 Lithium Battery

1. Press the latch inwards (①) and pull out the battery holder (②) at the base of the remote control unit in the direction indicated by the arrow in the illustration.
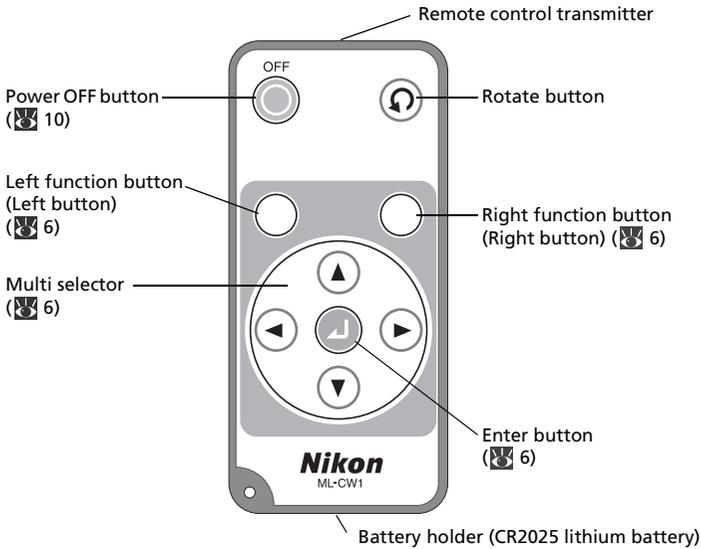2. Place the battery in the battery holder (③).
3. Insert the battery holder into the remote control unit. Push it in until the latch locks in place (④).

Make sure that the positive (+) side of the battery is in correct orientation as indicated on the back of the remote control unit.

①

Battery holder latch

②

③

④

Navigating the Menus

Main menu

```
         MENU
Copy CF card→HDD
Play HDD images
Play CF card images
Copy HDD→CF card
Print
Slideshow
SET UP   [====]   INFO.
     COOLWALKER
```

**Left function button
(Left button)**

Executes commands
displayed bottom-left

**Right function button
(Right button)**

Executes commands
displayed bottom-right

Enter button

Multi selector

Press ▲ to move cursor up.

Press ▼ to move cursor down.

Press ▶ to display sub-menu.

• In the list view: Press ▶ to open a folder (🔅 19).

• In the list view: Press ◀ to close a folder (🔅 19).

Remote Control Unit

**Power off
button**

**Rotate
button**

Multi Selector and Enter Button

• Use the multi selector to navigate through menus and make selections. The currently selected menu item is highlighted.

• Press enter button (⏎) to execute a highlighted entry.

• ▶ on the multi selector may perform the same function as the enter button, i.e. open the sub-menu screen.

Function Buttons

The Left function button (Left button) and Right function button (Right button) perform the functions shown at the bottom left and right corners of the monitor, respectively.

Remote Control Unit

• Operate the remote control unit pointing it at the remote-control sensor located beside the memory card slot of the main unit (🔅 3).

• The Power OFF button on the remote control unit turns the MSV-01 main unit off.

• The Rotate button rotates, by 90° steps counter-clockwise, the image currently displayed in full-screen playback mode (🔅 15).

• All buttons except for the Power OFF and Rotate buttons on the remote control work in the same way as the equivalent buttons on the MSV-01 main unit.

The Main Menu

When the MSV-01 is turned on, the monitor briefly displays a welcome screen, and then takes you to the main menu.
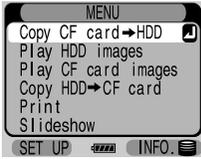
Memory Card Inserted   Memory Card not Inserted

Item	Description	
Copy CF card ➡ HDD	Copy all the data recorded within a memory card onto the MSV-01 hard disk drive.	13
Play HDD images	View image files stored on the MSV-01 hard disk drive.	14
Play CF card images	View image files stored on a memory card.	17
Copy HDD ➡ CF card	Copy data stored on the MSV-01 hard disk drive to a memory card.	36
Print	Print to a PictBridge printer connected to the MSV-01 via direct USB connection, or set DPOF printing for image files saved on a memory card.	38
Slideshow	View image files stored on the MSV-01 hard disk drive in an automated slideshow.	48
SET UP (Left button)	Press **SET UP** (Left button) to display the **SET UP** menu allowing to perform basic settings.	53
INFO. (Right button)	Press **INFO.** (Right button) to display the **INFORMATION** screen allowing to confirm the free space on the MSV-01 hard disk drive or memory card.	56

If no memory card is inserted, the **Copy CF card ➡ HDD**, **Play CF card images** and **Copy HDD ➡ CF card** options are not available.

✐ The EDIT Menu

To display the **EDIT** menu (23), press **EDIT** (Right button) when a folder or a file are selected while using the **Play HDD images** or **Play CF card images** options. Use the **EDIT** menu to delete, copy, move, rename image files of folders, create new folders or perform search for images taken within a specified range of dates.

Installing and Charging the Battery Pack

☑ Before Using the COOLWALKER MSV-01 Remove the Insulating Tape.

Insulating tape
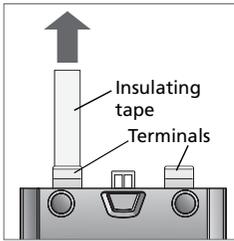
Terminals

The battery pack is shipped with an insulating tape over its terminal.

(1) Remove the battery pack from the MSV-01 main unit following the instructions provided in the "Removing the Battery Pack" section below.

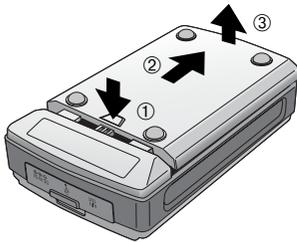(2) Remove the insulating tape from the battery pack.

(3) Reinstall the battery pack following the instructions provided in the "Installing the Battery Pack" section below.

1 Removing the Battery Pack

③

②

①

Push the battery release button (①) and slide the battery pack in the direction of the arrow (②) to remove it from the the MSV-01 main unit (③).

2 Installing the Battery Pack

④

⑤   ⑤

⑦   ◀── ⑥   ⑧

(1) Align the battery pack horizontally with the bottom of the MSV-01 main unit as shown on the illustration (④). Make sure that the battery pack terminals do not extend over the main unit protruding part (⑤).

(2) Slide the battery pack in the direction of the arrow onto the bottom of the MSV-01 main unit until it locks into position (⑥). Make sure that the battery pack is fully seated as shown on the illustration (⑦, ⑧).

3 Charging the Battery Pack

Power-on lamp

POWER   ACCESS
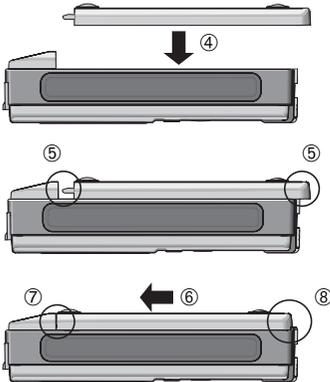
To charge the battery pack, it must first be installed on the MSV-01 main unit.

(1) Make sure that the power-on lamp on the MSV-01 main unit is off.
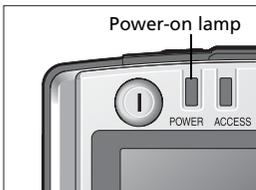
(2) Open the interface connector cover, and connect the supplied AC adapter to DC-in connector (⑨). Plug the AC adapter into an outlet (⑩).

(3) Charging will begin immediately.
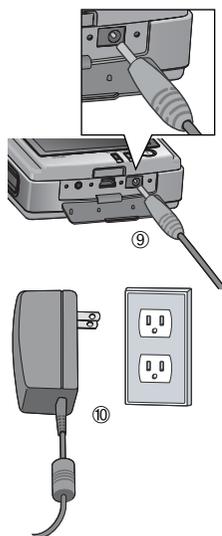
While the battery is charging, the power-on lamp flashes in orange. Charging is complete when the orange power-on lamp stops flashing.

An exhausted battery can be fully charged in about 4.5 hours.

(4) Remove the AC adapter, while the MSV-01 is still off.

📝 Using the COOLWALKER MSV-01 from an AC Power Supply Source

• To use your MSV-01 from an AC power source, connect the AC adapter and turn the power switch on.
• Charging is not performed when the MSV-01 is on with the AC adapter connected.

✔ Removing and Installing the Battery Pack

• Before removing the battery pack make sure that the MSV-01 is turned off and the AC adapter is disconnected.
• When removing or attaching the battery pack, always observe the correct procedure described in this manual to avoid damaging the battery terminals.
• Do not touch the battery pack terminals to avoid damaging them and prevent them from becoming dirty.
• Do not leave unattended or transport the MSV-01 with the battery pack removed.
• Do not remove the battery pack when using the MSV-01 from an AC power supply source. If you accidentally connect the AC adapter to the MSV-01 with the battery pack removed, the power-on lamp will light up (orange). Make sure that the MSV-01 is off, disconnect the AC adapter and attach the battery pack.

✔ The AC Adapter

• Accidental disconnection of the AC adapter while the MSV-01 is turned on may damage the device. When using the device, be careful not to disconnect the AC adapter.
• Be sure to read and follow the precautions in the "For Your Safety" (🔧 i-iii) section and notes on using the AC adapter (🔧 59) in this manual.

✔ The Battery Pack

• When transporting or storing a spare battery pack, place it in the supplied case.
• On handling the battery pack, refer to the Li-ion Polymer Battery EN-EL6 manual. When installing or removing the battery pack, be sure to read and follow the precautions in the "For Your Safety" (🔧 i-iii) and "Notices" (🔧 iv - vi) sections, as well as notes on using the battery pack in the "Batteries" (🔧 60) section in this manual.

Power-ON/OFF

To power the MSV-01 on, press and hold down the power switch (🔋 3) for about 2 seconds. The monitor will turn on showing the welcome screen, then it will switch to the main menu. To turn the MSV-01 off, press and hold down the power switch for about 2 seconds when the power-on lamp is on.

The MSV-01 status is shown as follows:

Power switch   Power-on lamp
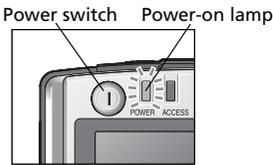
Power-on Lamp	COOLWALKER MSV-01
ON (green)	Power ON
OFF	Power OFF
Blinking (orange)	Charging (OFF)
On (orange)	Charging completed (OFF)

☑ Turning the Power On/Off

- Be sure to turn the MSV-01 off, when:
    - inserting or removing a memory card;
    - connecting or disconnecting the A/V cable;
    - removing the battery pack.
- The MSV-01 will not go off if the power switch is pressed while the copy (🔋 13, 26, 36), or HDD/memory card format (🔋 55) operation is in progress and "**Copying...**" or "**Formatting...**" is displayed on the monitor.

✐ Auto Power Off

If no operation is performed for one minute (default setting) when running on battery power, the MSV-01 will turn off automatically.
- This setting can be changed using the **Auto power off** option in the **SET UP** menu (🔋 54).
- **The Auto power off** function is disabled when the MSV-01 is running on the AC power supply.

Checking the Battery Level

The battery status is displayed at the bottom of the MSV-01 monitor.

```
      MENU
Copy CF card→HDD
Play HDD images
Play CF card images
Copy HDD→CF card
Print
Slideshow
SET UP  ▭▭  INFO.
```
Battery status

Display	Description
▭▰▰▰	Battery is fully charged.
▭ ▰	Battery power is low. The power may go off during operation.
▭	Battery is exhausted. Recharge or use the AC adapter immediately.
Not displayed	The MSV-01 is operating from an AC power source.

During operation, the display may temporarily indicate a lower than the actual remaining battery charge.

☑ Using the MSV-01 from an AC Power Source

To power the MSV-01 continuously for extended periods, use the DSA-0151F-05 AC adapter. Do not, under any circumstances, use another make or model of an AC adapter. Failure to observe this precaution could result in overheating or in damage to the MSV-01.

Setting Display Language

1

MENU
Copy CF card→HDD
Play HDD images
Play CF card images
Copy HDD→CF card
Print
Slideshow
SET UP   INFO.

Press **SET UP** (Left button) to display the **SET UP** menu.

2

SETUP
Brightness
Language
Auto power off
Video mode
Format
MENU

Highlight **Language** using ▲ or ▼ and press.

3

LANGUAGE
Deutsch
English
Español
Français
CANCEL

Highlight **Deutsch** (German), **English**, **Español** (Spanish), or **Français** (French), and press.

The selected language will be set for menus and messages and the screen will return to the **SET UP** menu.

4

SETUP
Brightness
Language
Auto power off
Video mode
Format
MENU

Press **MENU** (Left button) to return to the main menu.

Inserting a Memory Card

To copy image data from a memory card to the MSV-01 or from the MSV-01 to a memory card, insert a CompactFlash™ memory card into the memory card slot.
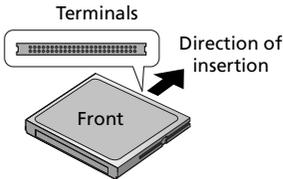
1 **Turn the MSV-01 off**

Confirm that the monitor is off and the power-on lamp is off or, if the AC adapter is connected, is lit or flashing orange (👹 10).

2 **Open the memory card slot cover**

Gently slide the memory card slot cover downwards to expose the memory card slot.

3 **Insert a memory card**

Insert a memory card into the memory card slot in the direction shown on the illustration.

Insert the memory card firmly, but without excess force.

(When correctly inserted, a CompactFlash™ memory card protrudes approximately 12 mm from the MSV-01 main unit.)

Terminals

Direction of insertion

Front

12mm
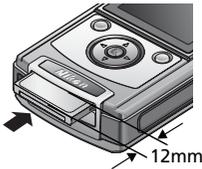
☑ **Inserting Memory Cards**

• Insert the memory card terminals first. Inserting the card upside down or backwards could damage the MSV-01 or the card. Check to be sure that the card is in the correct orientation.
• Perform all operations on a table or any other stable flat surface to avoid dropping the MSV-01 or memory cards.

🔍 **Removing Memory Cards**

Memory cards can be removed without loss of data when the MSV-01 is off. To remove a memory card, turn the MSV-01 off and confirm that the power-on lamp is off or, if the AC adapter is connected, is lit or flashing orange. Then grasp the protruding section of the memory card, and pull it out.
Note that memory cards may become hot during use. Observe due caution when removing memory cards from the MSV-01.
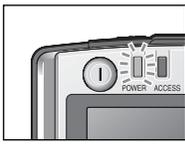
🔍 **Supported Memory Cards**

The memory card slot accepts CompactFlash™ memory cards (Type I and II).
On memory cards approved for use with the COOLWALKER MSV-01 see "Approved Memory Cards" (👹 57).

Copying Images from a Memory Card (Copy CF card ➡ HDD)

Use **Copy CF card ➡ HDD** from the main menu to copy all data recorded within a memory card onto the MSV-01.

2

```
          MENU
Copy CF card➡HDD
Play HDD images
Play CF card images
Copy HDD➡CF card
Print
Slideshow
SET UP           INFO.
```

Highlight **Copy CF card ➡ HDD** using ▲ or ▼ .

3

```
Copying···

CANCEL
```

Press (↵).

Copying will begin immediately. **"Copying..."** is displayed on the monitor while copying is in progress. Press **CANCEL** (Left button) to abort copying.

4

```
Copy finished
20040601.001

OK
```

When **"Copy finished"** is displayed, press (↵) (**OK**) to return to the main menu.

☑ Copying Images

- Do not expose the device to shocks or vibration during copy operation.
- Do not remove the memory card or AC adapter during copy operation.
- Using **Play HDD images** (14), confirm that the data have been stored on the MSV-01 hard disk.

🔍 Deleting Copied Images or Folders

To delete copied images or folders, use **Delete** option (24) from the **EDIT** menu (23).

🔍 Files Copied onto the MSV-01

Each time you copy data from a memory card, the MSV-01 creates a new folder on its HDD and stores all the images in that folder.

The folder name is a number representing the date of the latest recording in the memory card, in the format "**YYYYMMDD.NNN**".

YYYY is the year, MM is the month, DD is the day, NNN is a running serial number starting from 001 to distinguish folders created on the same date (e.g.: 20040601.001).

```
PLAY HDD IMAGES

⊕□ 20040601.001
  ⊕□ DCIM
    ⊕□100NCD70
    ⊕□101NCD70
⊕□ 20040601.002
MENU          EDIT
```
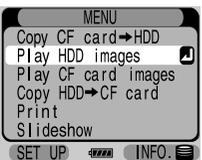
🔍 Date Setting

To ensure that the copied folder names reflect the dates on which your pictures are taken and use the **Search** function (28), make sure that your digital camera clock is correctly set.

Viewing Images Stored on the COOLWALKER MSV-01 (Play HDD images)

Use **Play HDD images** from the main menu to view images stored on the MSV-01.

1

```
          MENU
Copy CF card→HDD
Play HDD images     ↵
Play CF card images
Copy HDD→CF card
Print
Slideshow
SET UP   ▦▦▦  INFO.▤
```

Highlight **Play HDD images** using ▲ or ▼.

2

```
    PLAY HDD IMAGES
▭┐
  ⊙▱ 20040601.001   ↵
  ⊙▱ 20040601.002
MENU    ▦▦▦   EDIT
```

Press ↵. You will see a list of folders stored on the hard disk.

• The ▭ icon at the top of the screen represents the root folder on the MSV-01 hard disk.

3

```
    PLAY HDD IMAGES
▭┐
  ⊙▱ 20040601.001   ↵
  ⊙▱ 20040601.002
MENU    ▦▦▦   EDIT
```

Using ▲ or ▼, highlight a folder.

4

```
    PLAY HDD IMAGES
▭┐
  ⊕▱ 20040601.001
    ⊙▱ DCIM          ↵
  ⊙▱ 20040601.002
MENU    ▦▦▦   EDIT
```

Press ▶ to display a list of sub-folders in the folder. Using ▲ or ▼, highlight the **DCIM** folder.

• Press ◀ to hide a list of sub-folders.

5

```
    PLAY HDD IMAGES
▭┐
  ⊕▱ 20040601.001
  ⊕▱ DCIM
    ⊙▱ 100NCD70    ↵
    ⊙▱ 101NCD70
  ⊙▱ 20040601.002
MENU    ▦▦▦   EDIT
```

Press ▶ to display a list of sub-folders in the DCIM folder. Using ▲ or ▼, highlight a folder containing images inside the **DCIM** folder (example: **100NCD70**, **100NIKON** etc.).

6

```
DSC_0001.JPG
LIST    ▦▦▦   EDIT
```

Press ↵ to display thumbnails of images and sub-folders inside the folder.

7

```
DSC_0008.JPG
LIST    ▦▦▦   EDIT
```

Select an image to play full-screen, moving the cursor (a yellow frame) with ▲, ▼, ◀ or ▶.

• The name of the currently selected file is displayed bottom-left.

8

```
2004.06.01     100NCD70
15:59          DSC_0008.JPG
⊕

3008X2000
▦▦      ▦▦▦    EDIT
```

Press ↵ to view the selected image in full-screen playback.

To display the next or previous images, press ▲ or ▼ on the multi selector.

9

2004.06.01   100NCD70
15:59   DSC_0008.JPG

3008X2000

EDIT

PLAY HDD IMAGES

20040601.001
DCIM
100NCD70
101NCD70
20040601.002

MENU   EDIT

DSC_0008.JPG

LIST   EDIT
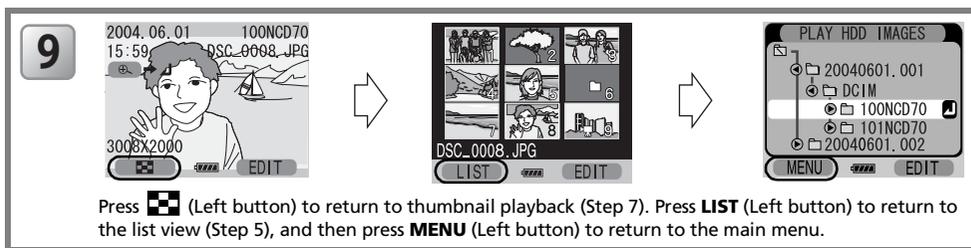
Press ▦ (Left button) to return to thumbnail playback (Step 7). Press **LIST** (Left button) to return to the list view (Step 5), and then press **MENU** (Left button) to return to the main menu.

✎ Image Data Supported for Playback

- Only image files and sub-folders in the selected folder are displayed in the thumbnail playback mode. The ☐ icon is displayed for images not supported for playback on the MSV-01.
- Only image files are displayed in the full-screen playback mode.
- The COOLWALKER MSV-01 provides support for the image data recorded with Nikon digital cameras (DCF format).
- The COOLWALKER MSV-01 supports NEF (RAW) files containing embedded JPEG preview images.
- Large size images may not be displayed correctly.
- Images hidden with a camera will also be played.
- Images taken with cameras from other manufacturers or images edited using a computer may not be displayed or printed correctly.
- In thumbnail playback, movies are indicated by 🎬 (a movie icon). In full-screen playback, 🎬 (a movie icon) and movie playback guide are displayed (👁 16).
- For image files with attached voice memos, in full-screen playback ♪ (a voice memo icon) and a voice memo playback guide are displayed (👁 16).
- File and folder names, set or edited using the computer, may not be displayed correctly on the MSV-01.
- Long file and folder names that exceed maximum length will be abbreviated with an asterisk (*).

🔍 Viewing Images in Rotated Orientation

In full-screen playback mode, still images can be displayed in rotated orientation.
To change the orientation of a still image, press the Rotate button (Ω) on the remote control unit (👁 5). This button rotates the displayed image 90° counter-clockwise each time you press it.

🔍 Viewing Movies

Movies can be played in full-screen playback mode.
When 🎬 (a movie icon) is shown for the currently displayed image, press (↵) to begin movie playback (👁 22).
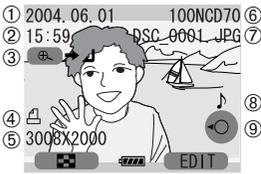
🔍 Operations during Playback

For button operations available during playback, see pg.20-22.

Displaying Image Information

Image information is superimposed on images displayed in full-screen playback (📖 14, 18).

There are five pages of image information for each image. Press ▶ on the multi selector to cycle through image information as follows:

① 2004. 06. 01   100NCD70 ⑥
② 15 : 59   DSC_0001.JPG ⑦
③
④ 🖫
⑤ 3008X2000   ⑧ ♪ ⑨
EDIT

1 Viewing an image with File Information (displayed by default)

① Date of recording   ⑥ Folder name
② Time of recording   ⑦ File name
③ Zoom guide   ⑧ Voice memo ♪ /Movie icon 🎬 *
④ Print-order icon (📖 40) ⑨ Voice/Movie Playback guide*
⑤ Image size (Pixels)   * Displayed only for images with an
                               attached voice memo or movies.

EDIT

2 Viewing an image without File Information

① CAMERA   :NIKON D70
② METERING   :MATRIX
③ MODE   :P
④ SHUTTER   :1/2000
⑤ DSC_0008.JPG
EDIT

3 Shooting Data 1**
① Camera type
② Metering method
③ Exposure mode
④ Shutter speed
⑤ File name

① APERTURE   :F2.6
② EXP+/-   :0.0
③ FOCAL LENGTH   :32.00mm
④ FILE SIZE   :713KB
⑤ SENSITIVITY   :200
⑥ WHITEBAL   :AUTO
EDIT

4 Shooting Data 2**
① Aperture
② Exposure compensation
③ Focal length (Digital zoom ratio)
④ File size
⑤ Sensitivity (ISO equivalency)
⑥ White balance

5 Histogram

EDIT

Shows the distribution of tones in the image: the horizontal axis corresponds to pixel brightness, with dark tones to the left and bright tones to the right, while the vertical axis shows the number of pixels of each brightness in the image. The MSV-01 histogram is for use only as a guide and may differ from those displayed in imaging applications or on a camera.

** The displayed items depend on the camera used for shooting.
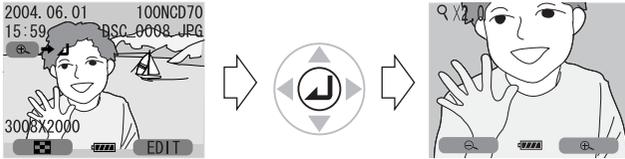
Taking a Closer Look: Playback Zoom

Press ⏎ to zoom in on a still image displayed in full-screen playback (📖 14, 18). To increase zoom, press ⊕ (Right button).

Three steps of zoom are available (x2, x4, x8).

Zoom is not available for RAW, TIFF or movie files.

Zoom is not available when an image is displayed with superimposed Shooting Data 1, Shooting Data 2 or Histogram (📖 16).

While the image is zoomed-in, a zoom-in ⌕ icon and zoom ratio are displayed in the top left corner of the monitor.

To	Press	Description
View other areas of the picture		Use ▲, ▼, ◄ or ▶ to scroll to areas of the image not visible in the monitor.
Zoom in (JPEG only)	⊕ (Right button)	Zoom increases each time button is pressed.
Zoom out	⊖ (Left button)	Zoom decreases each time the button is pressed.
Return to full-screen mode	⏎	Cancel zoom and return to full-screen display.

To view other pictures, first cancel zoom, then select another image using the multi selector.

Viewing Images Stored on a Memory Card (Play CF card images)

Select **Play CF card images** from the main menu to view images stored in a memory card.

1 Insert a memory card into the memory card slot (📖 12), and turn the MSV-01 on.

2

```
            MENU
Copy CF card➡HDD
Play HDD images
Play CF card images ⏎
Copy HDD➡CF card
Print
Slideshow
SET UP    🔋    INFO.
```

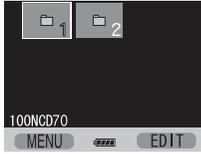Highlight **Play CF card images** using ▲ or ▼.

3

```
📁₁   📁₂




DCIM
MENU    🔋    EDIT
```

Press ⏎ to display the thumbnails of the folders stored on the memory card. Using ▲, ▼, ◄ or ▶, highlight the **DCIM** folder. The name of the currently selected folder is displayed bottom-left.

4

Press ↵ to display thumbnails of folders containing images. Using ▲, ▼, ◄ or ► select a folder.

100NCD70
MENU EDIT

5

Press ↵ to display thumbnails of the images stored in the folder.

DSC_0001.JPG
MENU EDIT

6

Select an image to play full-screen, moving the cursor (a yellow frame) with ▲, ▼, ◄ or ► on the multi selector.

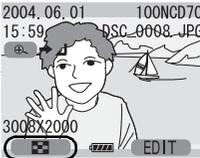• The file name of the currently selected image is displayed bottom left.

DSC_0008.JPG
MENU EDIT

7

Press ↵ to view the image in full-screen playback.

To display the next or previous image, press ▲ or ▼.

2004.06.01   100NCD70
15:59   DSC_0008.JPG
3008X2000
EDIT

8

Press ▣ (Left button) to return to thumbnail playback (Step 6). Press **MENU** (Left button) to return to the main menu.

2004.06.01   100NCD70
15:59   DSC_0008.JPG
3008X2000
EDIT

DSC_0008.JPG
MENU EDIT

Image Data Supported for Playback

For supported image data formats see "Image Data Supported for Playback" (15).

Operations during Playback

For button operations available during playback, see pg.20-22.

Button Operations (List View and Image Playback)

You can use the following button operations in the list view, thumbnail playback and full-screen playback modes.

List View

Highlight **Play HDD images** (14) from the main menu and press to display a list of folders stored on the MSV-01 hard disk drive. The following operations are available in the list view mode.

```
 PLAY HDD IMAGES
⌐
  ⊕⊡ 20040601.001  ◧
   ⊕⊡ DCIM
     ⊙⊡100NCD70
     ⊙⊡101NCD70
  ⊙⊡ 20040601.002
 MENU   ▥▥   EDIT
```

Play HDD images

To	Press	Description
Highlight folders	▲▼ (multi selector up/down)	Press ▲ or ▼ on the multi selector to highlight folders.
Open a folder	▶ (multi selector right)	Open a selected folder to list up sub-folders inside it. sub-folders are displayed up to the sixth level.
Close a folder	◀ (multi selector left)	Close a list of sub-folders inside the selected folder.
Display thumbnails		Display sub-folders or images in a selected folder in the thumbnail playback mode.
Go to the **EDIT** menu	**EDIT** (Right button)	Go to the **EDIT** menu to edit the selected folder (23).
Go to the main menu	**MENU** (Left button)	Return to the main menu.

Basic Operation—Button Operations (List View and Image Playback)

19

Thumbnail Playback

The following operations are available in the thumbnail view displayed after selecting **Play HDD images** (🖐 14) or **Play CF card images** (🖐 17).

Play HDD images

Play CF card images

To	Press	Description
Highlight images and sub-folders		Press ▲, ▼, ◀ or ▶ to highlight sub-folders or images.
View the highlighted image full-screen or display the thumbnails of the contents in the highlighted sub-folder		Select an image and press ⏎ to view the high-lighted image full screen. Select a sub-folder and press ⏎ to display the thumb-nails of the contents in the highlighted sub-folder.
Go to the **EDIT** menu	**EDIT** (Right button)	Go to the **EDIT** menu to edit the selected folder or image file (🖐 23).
Return to the **LIST** screen **(Play HDD images)**	**LIST** (Left button)	Return to the **LIST** screen.
Return to the main menu **(Play CF card images)**	**MENU** (Left button)	Return to the main menu.

Full-Screen Playback

The following operations are available in the full-screen view displayed after selecting **Play HDD images** (👁 14) or **Play CF card images** (👁 17).

2004, 06, 01   100NCD70
15:59   DSC_0008.JPG
3008X2000   EDIT

Play HDD images/Play CF card images

To	Press	Description
View next image		Press ▼ to view the next image.
View previous image		Press ▲ to view the previous image.
Cycle through image information displayed		Press ▶ to cycle through image information. Shooting information and histogram will be displayed (👁 16).
Play/Pause voice memo		Press ◀ to play back a voice memo, when ♪ (a voice memo icon) appears for the currently displayed image.* Press ◀ to pause the voice memo playback.
Play back a movie (for movies only)		Press ⏎ to play back a movie, when 🎬 (a movie icon) appears for the currently displayed image (👁 22).
Zoom in (for still images only)		Press ⏎ to zoom in on a still image displayed in full-screen playback (👁 17). Press ⏎ to cancel zoom for a currently zoomed-in image.
Rotate an image	↺ (Remote control unit)	In full-screen playback, press the Rotate button on the remote control unit to rotate an image 90° counter-clockwise (👁 6, 15).
Go to **EDIT** menu	**EDIT** (Right button)	Go to the **EDIT** menu to edit the displayed image (👁 23).
Go to thumbnail play-back	🔳 (Left button)	Return to thumbnail playback.

✳ To hear sound during voice memo or movie playback, connect the MSV-01 to a television or VCR using the attached audio/video cable.
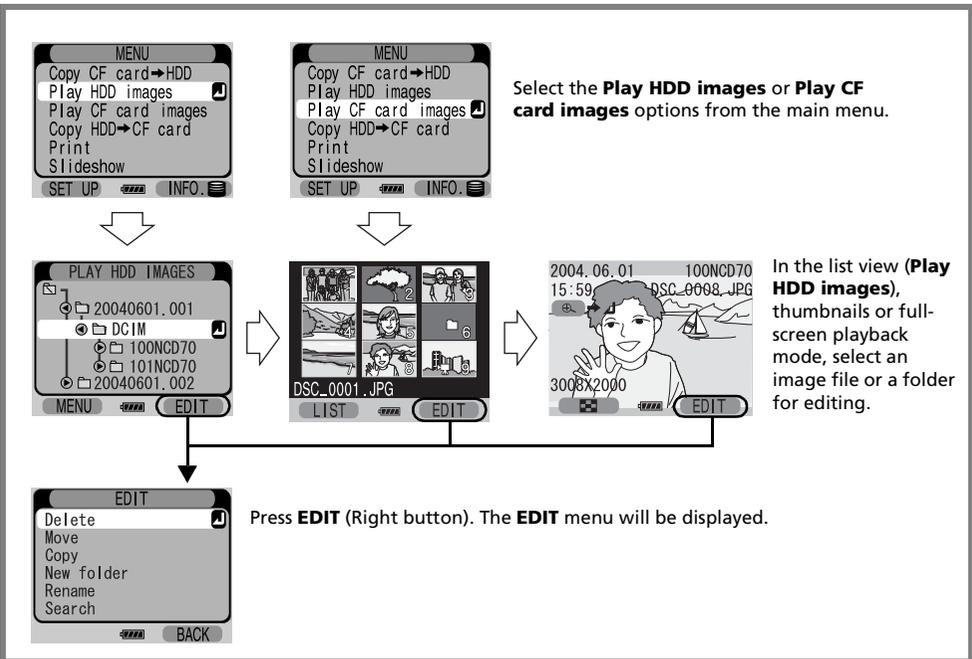For more information on connecting to a television, see "Viewing Pictures on TV" (👁 35).

Movie Playback

You can play back a movie file displayed in full-screen playback mode, which can be accessed from the main menu using **Play HDD images** (14) or **Play CF card images** (17).

Movies are indicated by and can be viewed by pressing . The following operations are available during movie playback.
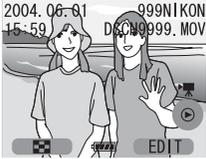
During playback

To	Press	Description
▶ Start/ ❚❚ Pause/ ▶ Resume movie playback		Press to start playback. While playback is in progress, press to pause playback. Press again to resume. When the movie ends, first frame of the movie will be displayed.*
▶▶ Fast forward/ ❚❚▶ Advance movie one frame during pause		Press and hold ▶ to fast-forward through the movie. When the movie is paused, press ▶ to advance the movie one frame.
◀◀ Rewind/ ◀❚❚ Rewind movie one frame during pause		Press and hold ◀ to rewind the movie. When the movie is paused, press ◀ to rewind the movie one frame back.
Quit movie playback	■ (Left button)	Press to quit movie playback.

✳ To hear sound during movie playback, connect the MSV-01 to a television or VCR using the attached audio/video cable.
For more information on connecting to a television, see "Viewing Pictures on TV" (35).

✳ The MSV-01 supports movies bigger than "Small size 320" and smaller than "TV movie 640" captured at up to 15 frames per second, and "Small size 320" or smaller size movies captured at up to 30 frames per second.

Basic Operation—Button Operations (List View and Image Playback)

The EDIT Menu

Using the items from the **EDIT** menu , which can be accessed from **Play HDD images** or **Play CF card images**, you can perform the following operations for a selected image file or folder.

Item	Description	⏱
Delete	Delete the selected image file or folder.	24
Move	Move the selected image file or folder to a new destination inside the MSV-01 HDD.	25
Copy	Copy the selected image file or folder to a different destination folder inside the MSV-01 HDD.	26
New folder	Create a new folder.	27
Rename	Rename an existing image file or folder.	28
Search	Search for image files created within a specified range of dates.	28
BACK (Right button)	Go back to the previous step (list view, thumbnail or full-screen playback).	–

Displaying the EDIT Menu

Select the **Play HDD images** or **Play CF card images** options from the main menu.

In the list view (**Play HDD images**), thumbnails or full-screen playback mode, select an image file or a folder for editing.

Press **EDIT** (Right button). The **EDIT** menu will be displayed.

☑ **Notes on Editing**

- Image files or folders edited using the MSV-01 may not be displayed correctly on your camera.
- The root folder ⬜ cannot be deleted, moved, copied or renamed.

Delete

Use this option to delete an image file or folder selected in list view or thumbnail playback.

If a folder is selected, all data inside the folder including images will be deleted.

1

EDIT

Delete
Move
Copy
New folder
Rename
Search

BACK

Press **EDIT** (Right button) to display the **EDIT** menu (📖 23), then using ▲ or ▼ highlight **Delete**.

2

DELETE

Delete DSC_0008.JPG

No
Yes

CANCEL

Press ⏎. A confirmation screen will be displayed.

3

DELETE

Delete DSC_0008.JPG

No
Yes
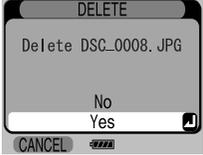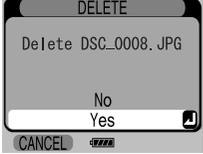
CANCEL

Using ▲ or ▼ select **Yes** to delete a file or folder, **No** to exit without deleting.

Press ⏎ to execute the selected option and return to the list view or playback screen.

Press **CANCEL** (Left button) in the **DELETE** confirmation screen to abort the operation.

☑ Before Deletion

- Once deleted, images cannot be recovered. The **Delete** operation also deletes images protected with the camera.
- Be sure that any pictures you would like to keep have been transferred to another storage device or computer.

Organizing Images—The EDIT Menu

Move

Use this option to move an image file or folder selected in list view or thumbnail playback, or the currently displayed image to a new destination inside the MSV-01.

1
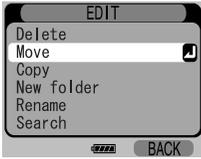
EDIT
Delete
Move
Copy
New folder
Rename
Search

BACK

Press **EDIT** (Right button) to display the **EDIT** menu (📖 23), then using ▲ or ▼ highlight **Move**.

2

SELECT DEST. FOLDER

- 🗀
  - ⊕ 🗁 20040601.001
  - ⊕ 🗁 DCIM
    - ⊕ 🗁 100NCD70
    - ⊕ 🗁 101NCD70
  - ⊕ 🗁 20040601.002

CANCEL
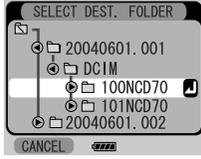
Press ⏎. A list of the stored folders will appear. Using ▲, ▼, ◀ or ▶ select a destination folder.

• To move to the root level, select the root folder 🗀 at the top of the list.

3
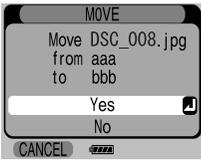
MOVE
Move DSC_008.jpg
from aaa
to bbb
Yes
No

CANCEL

Press ⏎. A confirmation screen will be displayed.

Using ▲ or ▼ highlight **Yes** or **No**.

Press ⏎ to execute the highlighted option.

Press **CANCEL** (Left button) to abort the operation.

After completing the operation the screen will return to the list, thumbnail or full-screen playback view of the source location. When in the full-screen playback mode, an image next after the moved one will be displayed.
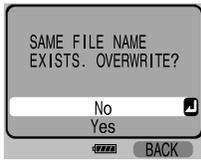
SAME FILE NAME
EXISTS. OVERWRITE?

No
Yes

BACK

"SAME FILE NAME EXISTS. OVERWRITE?" will appear, if a file with the same name already exists in the destination folder. Overwriting will delete the existing file in the destination folder. Deleted files cannot be recovered.

• To overwrite the existing file, using ▼ highlight **Yes** and press ⏎.

• To cancel overwriting, highlight **No** and press ⏎ or press **BACK** (Right button).

Then select a different destination folder or change the existing file name using **Rename**.
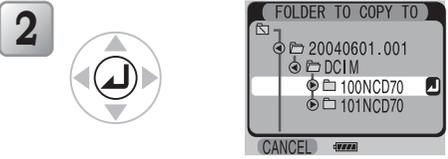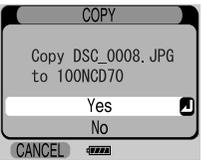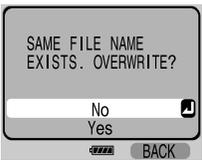
Copy

Use this option to copy an image file or folder selected in list view or thumbnail playback, or the currently displayed image to a different destination folder inside the MSV-01.

3

COPY
Copy DSC_0008.JPG to 100NCD70
Yes
No
CANCEL

Press ⏎. A confirmation screen will be displayed.

Using ▲ or ▼ highlight **Yes** or **No**.

Press ⏎ to execute the highlighted option.

Press **CANCEL** (Left button) to abort the operation.

After completing the operation the screen will return to the list, thumbnail or full-screen playback view of the source location.

SAME FILE NAME EXISTS. OVERWRITE?
No
Yes
BACK

"SAME FILE NAME EXISTS. OVERWRITE?" will appear, if a file with the same name already exists in the copy destination folder. Overwriting will delete the existing file in the destination folder. Deleted files cannot be recovered.

• To overwrite the existing file, using ▼ highlight **Yes** and press ⏎.

• To cancel overwriting, select **No** and press ⏎ or press **BACK** (Right button).

Then select a different destination folder or change the existing file name using **Rename**.

🔍 Copying from a Memory Card to the MSV-01 HDD

Use **Copy CF card ➡ HDD** (13) to copy all image files stored in the memory card to the MSV-01. Delete images that you do not need using the **Delete** option from the **EDIT** menu (24).

🔍 Copying Images from the MSV-01 HDD to a Memory Card

Use **Copy HDD ➡ CF card** (36) to copy image files stored on the MSV-01 to a memory card.

New folder

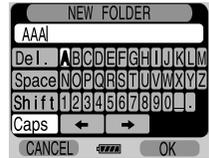Use this option to create and name a new folder in the selected folder.

1

EDIT
Delete
Move
Copy
New folder
Rename
Search
BACK

Press **EDIT** (Right button) to display the **EDIT** menu (23), then using ▲ or ▼ highlight **New folder**.

- If a folder is selected, the new folder will be created inside the selected folder.
- To create a new folder at the root level, select the root folder ⬚ at the top of the list.
- If an image file is selected, the new folder will be created at the same level as the currently selected file.

2

NEW FOLDER
AAA|
Del. A B C D E F G H I J K L M
Space N O P Q R S T U V W X Y Z
Shift 1 2 3 4 5 6 7 8 9 0 _ .
Caps ← →
CANCEL OK

Press ⏎. The folder name input screen will be displayed.

Input a name following the instructions provided in the "Name Input Screen Operations" section below.

After entering the folder name, press **OK** (Right button). The new folder will be created and the monitor will return to the list view or playback display.

- Press **CANCEL** (Left button) to cancel the operation.
- File or folder names cannot begin with a space or period.

Name Input Screen Operations

NEW FOLDER
AAA|
Del. A B C D E F G H I J K L M
Space N O P Q R S T U V W X Y Z
Shift 1 2 3 4 5 6 7 8 9 0 _ .
Caps ← →
CANCEL OK

To enter a character, highlight the required key using ▲, ▼, ◀, ▶ and press ⏎. The entered characters are displayed in the upper section of the monitor.

- To edit the entered name, move cursor to the upper section of the screen by pressing ▲ repeatedly till the cursor begins flashing red. Then, move cursor through the entered name to the desired position using ◀ or ▶.

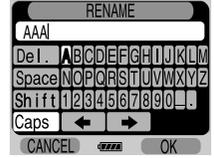| **Del.**	Delete 1 character.
Space	Enter single space.
Shift	Select **Shift** and press ⏎ to shift alphabet input between capital and lower case letters.
Caps	Select **Caps** and press ⏎ to lock alphabet input to capital letters. Select **Caps** and press ⏎ again to unlock capital letter input.
←	Press ⏎ to move cursor left to a desired position in the name you input.
→	Press ⏎ to move cursor right to a desired position in the name you input.

Rename

Use this option to rename a selected image file or folder.

1

```
                    EDIT
Delete
Move
Copy
New folder
Rename
Search
              ⬚⬚⬚  BACK
```
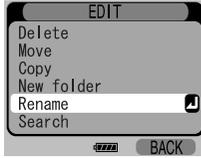
Press **EDIT** (Right button) to display the **EDIT** menu (🕮 23), then using ▲ or ▼ highlight **Rename**.

2

```
                  RENAME
AAA
Del. ABCDEFGHIJKLM
Space NOPQRSTUVWXYZ
Shift 1234567890_.
Caps        ←    →
CANCEL  ⬚⬚⬚      OK
```

Press ↵. The name input screen will be displayed.

Edit the name following the instructions provided in the "Name Input Screen Operations" section (🕮 27).

After you have edited the name, press **OK** (Right button). The folder will be renamed and the monitor will return to the list view or playback display.

- Press **CANCEL** (Left button) to cancel the operation.
- When inputting the name, do not input the file extension letters. The file extension will be added to the entered name automatically.
- File or folder names cannot begin with a space or period.

Search

Use this option to search for image files created within a specified range of dates inside the selected folder or inside the folder containing the selected image file.

1

```
                    EDIT
Delete
Move
Copy
New folder
Rename
Search
              ⬚⬚⬚  BACK
```

Press **EDIT** (Right button) to display the **EDIT** menu (🕮 23), then using ▲ or ▼ highlight **Search**.

2

```
                 SEARCH

New
View previous result

CANCEL  ⬚⬚⬚
```
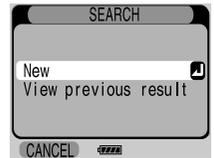
Press ↵. The **SEARCH** menu will be displayed.

- Highlight **New** and press ↵. An input screen will be displayed allowing to specify a range of dates.
- Select **View previous result** and press ↵ to view the previous search results.

New Search

Using this option you can search for image files created within a specified range of dates (usually, shooting date).

Set the start date (first line in the displayed screen) and the end date (second line in the displayed screen) for the search.
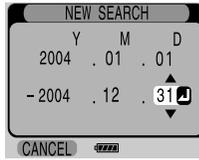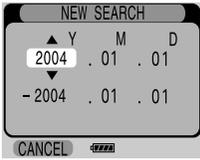
To	Press	Description
Enter date		Select year, month and day.
Move cursor		Move cursor.
Start searching	⏎	After selecting the end date, press ⏎ to start searching.
Cancel	**CANCEL** (Left button)	Cancel searching.

1. Select a year of the start date using ▲ or ▼.
2. Move cursor to the month field for the start date using ▶.
3. Follow step 1 to select a month for the start date.
   Follow step 2 to move to the day of the start date field, and continue until the end date is selected.
4. Press ⏎ to start searching.
5. Search results are shown in contact sheets of six thumbnail images.
   Browse through thumbnails and highlight a required image using the multi selector.
   <u>The search results can display a maximum of 400 image files. When there are 401 or more images, only 400 will be displayed.</u>
6. Press ⏎ to view image in full-screen playback.
   To return to the **SEARCH RESULT**, press 🔳 (Left button).
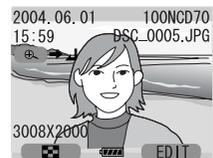
View previous result

Select **View previous result** from the **SEARCH** menu using ▲ or ▼, and press ⏎. The previous search results (in contact sheets of six thumbnail images) will be displayed.

📝 Displaying Search Results

- To ensure that the file creation dates reflect the dates, on which your pictures are taken, make sure that your digital camera clock is set correctly.
- It may take time till the search results are displayed when there are many image files in the selected folder.
- Previous search results cannot be displayed if the MSV-01 HDD or memory card has been formatted.
- Previous search results for images stored on a memory card cannot be displayed if the card has been removed.

Saving Images to a Computer

Connect your MSV-01 to a computer to copy and save data stored on the MSV-01 to the computer. When connected to a computer using the provided USB interface cable UC-E9, the MSV-01 works as an external hard disk drive.

In addition, the MSV-01 functions as a memory card reader (33).

The MSV-01 supports the following operating systems:

Windows XP Home Edition/Professional, Windows 2000, Windows Millennium Edition (ME), Windows 98 Second Edition (SE),

Mac OS 9 (9.1 - 9.2), Mac OS X (10.1.2 or later).

For more information on system requirements, see "Specifications" (66).

Using the MSV-01 with Windows 98 SE

To use the MSV-01 with Windows 98 SE, you must first install the MSV-01 USB drivers. Complete the following procedure to install the software before connecting the MSV-01 to the computer.

Using the MSV-01 with Other Operation Systems

You do not have to install the MSV-01 USB Drivers. Continue on to "Connecting the USB Cable" (32).

Driver Software Installation (Windows 98 Second Edition Only)

☑ Before Installing MSV-01 USB Drivers

• Turn off any virus-checking software.

• Exit all other applications that may be running.

1 Turn on and start up the computer. Then insert the MSV-01 Windows® 98 SE Driver Installer CD into the CD-ROM drive. The Installer Language dialog will appear automatically.
Select **English** and click **OK**.

If the Installer Language dialog is not displayed

Double-click the **My Computer** icon on the desktop and double-click the CD (**COOLWALKER**) icon in the My Computer window.

2 The **Nikon COOLWALKER MSV-01 USB Drivers Setup Wizard** will start up. Read thoroughly the provided explanation, and then click **Next**.
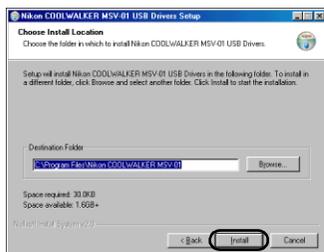
3 The destination folder for Nikon COOLWALKER MSV-01 USB Drivers will be displayed under "Destination Folder." Click **Install** to begin the installation.

- To change the installation destination, click **Browse** (by default, the destination location is set to C\Program Files\Nikon COOLWALKER MSV-01).

4 Click **Finish** to complete the Nikon COOL-WALKER MSV-01 USB Drivers installation.

5 When the installation has completed, remove the MSV-01 Windows® 98 SE Driver Installer CD from the CD-ROM drive.

🔍 **Uninstalling the Nikon COOLWALKER MSV-01 USB Drivers (Windows 98 Second Edition Only)**

Note: Before uninstalling the software, disconnect the MSV-01 from the computer (34).

1. To uninstall the Nikon COOLWALKER MSV-01 USB Drivers, click **Programs** in Windows **Start** menu and select **Uninstall USB driver** from the **Nikon COOLWALKER MSV-01** program group.
2. The uninstaller will start up. Follow the on-screen instructions to complete uninstallation.

Saving Images to a Computer

Connecting the USB Cable

Turn the computer on and wait for the operating system to start up. Turn the MSV-01 off and connect it to your computer as shown below using the provided USB cable UC-E9.
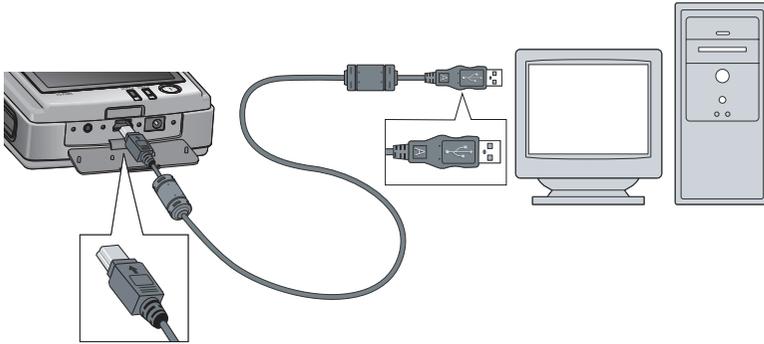
⚠ **Notes on Connecting to a Computer**

- Place the MSV-01 on a flat and stable surface.
- When connecting the MSV-01 to a computer, use the DSA-0151F-05 AC adapter.
- Connect the MSV-01 directly to the computer; do not connect the cable via a USB hub or keyboard.
- When the MSV-01 is connected to a computer, "**Connecting via USB**" is displayed on the monitor; all controls are disabled.
- When disconnecting the MSV-01 from a computer, disconnect the USB cable only after completing the procedure described in "Disconnecting the COOLWALKER MSV-01" (34).

Saving Images to a Computer—Connecting the USB Cable

Copying Images to the Computer

1. To copy data stored on the MSV-01 HDD to the computer, make sure that no memory card is inserted in the MSV-01, then turn the MSV-01 on.

   The monitor of the MSV-01 will indicate that the unit is connected using USB interface, and your computer will recognize the MSV-01 as a Mass Storage device.

2. Copy images from the MSV-01 to your computer using computer operations.

- In Windows XP and Mac OS X, depending on the system settings, the image files on the MSV-01 HDD will be automatically detected and a message will appear prompting to start an image related application.

- For more information on copying and other operations with an external hard-disk drive, refer to the user's manuals or help for your computer or applications.

Windows

Open the "**COOLWALKER**" icon representing the MSV-01 from **My Computer** and copy files and folders stored on the MSV-01 to your computer, using a simple copy-and-paste operation.

Macintosh

Open the "**COOLWALKER**" icon representing the MSV-01 displayed on the desktop and copy files and folders stored on the MSV-01 to your computer, using a simple copy-and-paste operation.

🔍 Using the COOLWALKER MSV-01 as a Card Reader

- When the MSV-01 is turned on with a memory card inserted, it functions as a card reader.
- When the MSV-01 is connected as a card reader, the drive name (disk volume icon) representing the MSV-01 depends on the device used for formatting the memory card.
- Before removing a memory card, be sure to disconnect the MSV-01 from the computer using the procedure described in the next section, "Disconnecting the COOLWALKER MSV-01" (🔌 34) and turn the MSV-01 off.

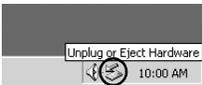# *Disconnecting the COOLWALKER MSV-01*

Be sure to remove the MSV-01 from the system as shown below before disconnecting the USB cable and turning the MSV-01 off.

Windows XP Home Edition/Professional

Click the "Safely Remove Hardware" icon in the task bar and select **Safely remove USB Mass Storage Device** from the menu that appears.

Windows 2000 Professional

Click the "Unplug or Eject Hardware" icon in the task bar and select **Stop USB Mass Storage Device** from the menu that appears.

Windows Millennium Edition (Me)

Click the "Unplug or Eject Hardware" icon in the task bar and select **Stop USB Disk Drive** from the menu that appears.

Windows 98 Second Edition (SE)

In the My Computer window, click with the right mouse button on the **COOLWALKER** icon corresponding to the MSV-01 and select **Eject** from the menu that appears.*

Mac OS X

Drag the "**COOLWALKER**" disk volume icon into the Trash.*

Mac OS 9
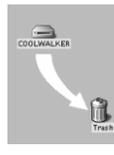
Drag the "**COOLWALKER**" disk volume icon into the Trash.*

* When the MSV-01 is connected as a card reader, the drive name (disk volume icon) representing the MSV-01 depends on the device used for formatting the memory card.

Viewing Pictures on TV

The supplied EG-CW1 audio/video (A/V) cable can be used to connect the MSV-01 to a television or VCR.

📝 **Choosing a Video Mode**

The **Video mode** option in the MSV-01 **SET UP** menu offers a choice of NTSC and PAL standards (54). Be sure that the selected mode matches the standard used in the video device.
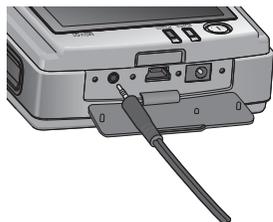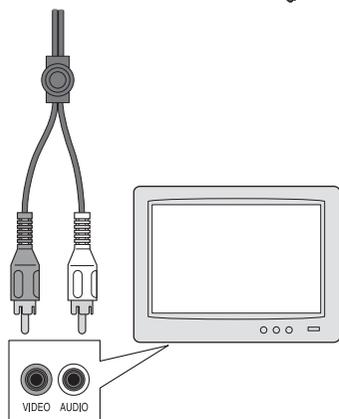
1 Turn the MSV-01 off

Turn the MSV-01 off before connecting or disconnecting the A/V cable.

2 Connect the A/V cable

Open the interface cover and insert the black plug of the supplied A/V cable into the audio/video-out interface connector of the MSV-01.

Insert the yellow plug into the video-in jack and the white plug into the audio-in jack on the television or VCR.

VIDEO AUDIO

3 Tune the television or VCR to the video channel or external input

If in doubt, consult the documentation for your television or VCR.

4 Turn the MSV-01 on

The MSV-01 monitor will remain off and the television will display the menu normally shown in the monitor.

Operate the remote control unit pointing it at the remote control sensor located beside the memory card slot of the MSV-01 main unit.

☑ **When Connected to a Television**

Accidental disconnection of the A/V cable or AC adapter while the MSV-01 is turned on may damage the device. Place the main unit on a flat and stable surface and be careful not to accidentally disconnect the cables.

Advanced Operation—Viewing Pictures on TV

Copying Images to a Memory Card (Copy HDD ➡ CF card)

Use this option to copy images that are stored on the MSV-01 hard disk drive (HDD) onto the memory card. You can copy selected image files or all images in a selected folder.

Copying All Images in a Selected Folder

1 Turn the MSV-01 off. Insert a memory card (12) into the memory card slot and turn the MSV-01 on.

2

```
          MENU
Copy CF card➡HDD
Play HDD images
Play CF card images
Copy HDD➡CF card
Print
Slideshow
SET UP            INFO.
```

Using ▲ or ▼, highlight **Copy HDD ➡ CF card** from the main menu.

3

```
 FOLDER TO COPY FROM
   ⊕📁 20040601.001
   ⊕📁 DCIM
      ⊚📁 100NCD70
      ⊚📁 101NCD70
   ⊚📁 20040601.002
MENU              COPY
```

Press ↵. A list of the folders stored on the MSV-01 HDD will appear, allowing to select a folder or an image you want to copy.

4

```
 FOLDER TO COPY FROM
   ⊕📁 20040601.001
   ⊕📁 DCIM
      ⊚📁 100NCD70
      ⊚📁 101NCD70
   ⊚📁 20040601.002
MENU              COPY
```

From the displayed list, using ▲, ▼, ◀ or ▶ select a folder you want to copy from, and press **COPY** (Right button).

5

```
  FOLDER TO COPY TO
   ⊕📁 DCIM
      ⊚📁 103NCD70
      ⊚📁 104NCD70
CANCEL
```

A list of the folders stored on the memory card will appear. Using ▲, ▼, ◀ or ▶ navigate through the list to the copy destination folder.

6

```
         COPY
  Copy 100NCD70
  To   DCIM
         Yes
         No
CANCEL
```
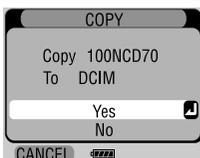
Press ↵. A confirmation screen will be displayed.

• Using ▲ or ▼, select **No** to return to Step 5.
• Press **CANCEL** (Left button) to cancel the operation and return to the main menu.
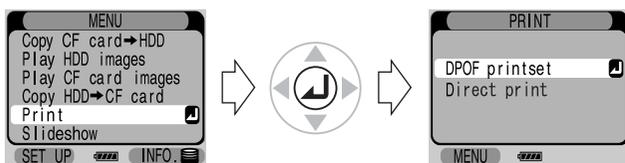
7

```
    Copy finished

         OK
```

Press ↵ to begin copying.

When copying is complete, **"Copy finished"** will be displayed. Press ↵ to return to the main menu.

Copying a Selected Image

1

FOLDER TO COPY FROM
⊕ ☐ 20040601.001
  ⊕ ☐ DCIM
    ⊕ ☐ 100NCD70
    ⊕ ☐ 101NCD70
⊕ ☐ 20040601.002
MENU   COPY

In Step 4 on page 36, from the displayed list, using ▲, ▼, ◀ or ▶, select the sub-folder inside the **DCIM** folder that contains the image you want to copy.

2

DSC_0001.JPG
LIST   COPY

Press ⏎ to display the contents of the selected folder in the thumbnail playback mode.
Using ▲, ▼, ◀ or ▶ select a thumbnail of an image you want to copy.

• To return to Step 1, press **LIST** (Left button).

3

2004.06.01   100NCD70
15:59   DSC_0008.JPG

3008X2000   COPY

Press ⏎ to confirm the selected image in full-screen playback. Press **COPY** (Right button) to finalize your selection.
Press ▦ (Left button) to return to the thumbnail display.

4
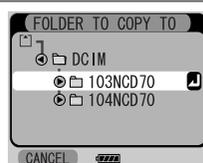
FOLDER TO COPY TO
☐ ☐ DCIM
    ⊕ ☐ 103NCD70
    ⊕ ☐ 104NCD70
CANCEL

A list of the folders stored on the memory card will appear. Using ▲, ▼, ◀ or ▶ navigate through the list to the copy destination folder.

5

COPY
Copy DSC_0008.JPG
To 100NCD70
Yes
No
CANCEL
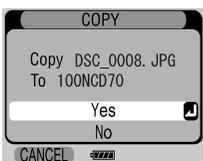
Press ⏎. A confirmation screen will be displayed.

• Using ▲ or ▼, select **No** to return to Step 4.
• Press **CANCEL** (Left button) to cancel the operation and return to the main menu.

6

Copy finished
OK

Press ⏎ to begin copying.
When copying is complete, "**Copy finished**" will be displayed. Press ⏎ to return to the main menu.

☑ Copying Images

• Do not expose the device to shocks or vibration during copy operation.
• Do not remove the memory card or disconnect the AC adapter during copy operation.
• Digital cameras may not be able to play images copied from the MSV-01 onto a memory card.
• When, during copying, the data copied exceeds the available free space on the memory card, copying stops and "**CARD FULL. COPY HAS NOT COMPLETED.**" is displayed. Check the available free space on the **INFORMATION** screen (56). A larger free space than the file size is required for copying.

Printing Pictures

Images taken with a Nikon digital camera can be printed without using a computer.

Highlight **Print** from the main menu and press 🔽 to display the **PRINT** menu.

```
       MENU
Copy CF card➜HDD
Play HDD images
Play CF card images
Copy HDD➜CF card
Print                ▣
Slideshow
SET UP  ▥▥  INFO.▤
```

```
       PRINT
DPOF printset    ▣
Direct print

MENU   ▥▥
```

The **PRINT** menu contains the following items:

Item	Description	⏳
DPOF printset (JPEG images only)	Create a digital print order with a standard of Digital Print Order Format (DPOF) for images in the memory card, setting number of prints and other options.	39
	To print the pictures, take the memory card to a digital print service center or insert the memory card into a card slot of a personal photo printer that supports DPOF.	
Direct print (JPEG images only)	Using the USB cable, connect the MSV-01 to a PictBridge compatible printer and print pictures directly from the MSV-01 or memory cards.	42

✐ DPOF printset

The MSV-01 supports DPOF print settings for pictures on a CF Card taken with a Nikon digital camera, provided they have not been edited with a device other than the camera.

✐ Files and folders with Direct Printing

When intending to print pictures using Direct Print, do not alter file or folder names except with a Nikon digital camera, or change the destination folder for saving images as this may prevent correct operation.

🔍 DPOF

Digital Print Order Format (DPOF) is an industry-wide standard that allows pictures to be printed from print orders stored on the memory card. Before printing, check that the printer or print service supports DPOF.

🔍 PictBridge

PictBridge is an industry standard that enables direct printing from a digital USB device without the need to use a computer and ensures compatibility across digital USB devices and printers produced by different makers.

DPOF printset

The **DPOF printset** option from the **PRINT** menu is used to create digital "print orders" for images stored on the memory card. It allows to select images for printing, set number of prints, date and shooting information imprinting.

Insert a memory card into the MSV-01 before turning it on (12).

1

```
            MENU
Copy CF card→HDD
Play HDD images
Play CF card images
Copy HDD→CF card
Print                  ↵
Slideshow
SET UP    ▥    INFO. ▤
```

Turn the MSV-01 on and highlight **Print** using ▲ or ▼ .

2

```
            PRINT
DPOF Printset          ↵
Direct print

MENU      ▥
```

Press ↵ to display the **Print** menu.

Highlight **DPOF printset** using ▲ or ▼ .

• To return to the main menu, press **MENU** (Left button).

3

```
      DPOF PRINTSET
Select images          ↵
All images
Reset printorder

CANCEL    ▥
```

Press ↵ to display the **DPOF PRINTSET** menu.

• To return to the **PRINT** menu, press **CANCEL** (Left button).

4

```
      DPOF PRINTSET
Select images          ↵
All images
Reset printorder

CANCEL    ▥
```

Highlight **Select images** using ▲ or ▼ .

5

```
   SELECT PRINT IMAGES

2004
06.01              +
15:59              −
CANCEL    ▥      SET
```
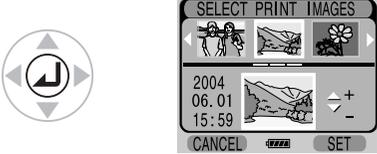
Press ↵ to display selection screen.

6
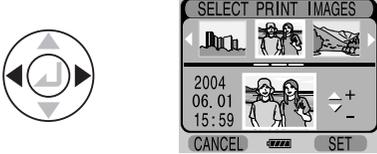
```
   SELECT PRINT IMAGES

2004
06.01              +
15:59              −
CANCEL    ▥      SET
```

Using ◀ or ▶, scroll through images. The currently selected image is shown in the lower section of the monitor.

7

SELECT PRINT IMAGES
2004
06.01
15:59
CANCEL   SET
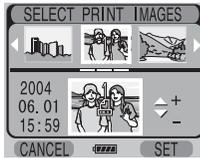
Press ▲ (+) to select the current image and set number of prints to 1.

- Press **CANCEL** (Left button) to cancel settings made in Steps 6 to 7.

8
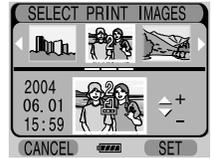
SELECT PRINT IMAGES
2004
06.01
15:59
CANCEL   SET

Use ▲ or ▼ to specify the number of prints (up to 9).

- To deselect an image, press ▼ when the number of prints is 1.
- Repeat Steps 6 to 8 to select additional images.

9

DPOF PRINTSET
Date   : ON
Shooting info. : OFF

CANCEL   SET
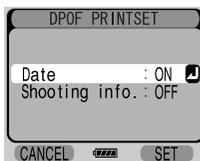
Press **SET** (Right button) to complete selecting images and display menu of print options.

- To print the date of recording on all pictures in the print order, highlight **Date** and press 🔄. **ON** will be indicated for the **Date** setting.
- To print shutter speed and aperture on all pictures in the print order, highlight **Shooting info**. and press 🔄. **ON** will be indicated for the **Shooting info**. setting.
- To turn an item off, highlight the required item and press 🔄.

10

DPOF PRINTSET
Date   : ON
Shooting info. : OFF

CANCEL   SET
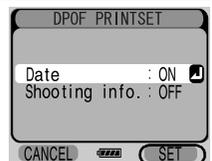
Press **SET** (Right button) to complete setting print order.

Turn the MSV-01 off and remove the memory card.

- To finish without setting print order, press **CANCEL** (Left button).

🖉 Printing Dates

If **Date** is **ON**, the date of recording will appear on pictures printed only on devices that support the DPOF date function (the printing position depends on the printer).
The printed date is the date set on the camera during shooting. The date printed on pictures cannot be changed.

🖉 The Print-Order Icon

During full-screen playback, a print-order icon 🖺 appears on images in the current print order.

All images (Setting all images for DPOF printing)

1. To print one copy of each image on the memory card, select **All images** from the **DPOF PRINTSET** menu in Step 4 (39).
2. Select the date and shooting information print options performing Steps 9 to 10 (40) to complete your digital print order.

Reset printorder

To reset any DPOF print order on the memory card, select **Reset printorder** from the **DPOF PRINTSET** menu in Step 4 (39).

```
    DPOF PRINTSET

Select images
All images
Reset printorder       ▣

CANCEL   ▥
```

```
    DPOF PRINTSET

Reset DPOF settings?

            No         ▣
            Yes

CANCEL   ▥
```
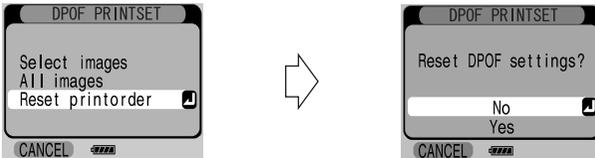
In a confirmation screen displayed, select **Yes** and press ⏎ to reset.

•   To exit without resetting the print order, press **CANCEL** (Left button).
•   To return to the **DPOF printset** menu, select **No** and press ⏎.

Printing Via Direct USB Connection (PictBridge)

Use the supplied UC-E9 USB cable to connect the MSV-01 to a printer that supports PictBridge and print images (JPEG format) stored on the MSV-01 HDD or in a memory card directly from the MSV-01, without connecting it to a computer.

To print images stored on a memory card, insert the memory card into the MSV-01 before turning it on.

When using the battery pack, you are advised to select a longer period of time for the **Auto power off** function (54) so that the MSV-01 does not turn off before the USB cable is connected.

When the USB cable is connected to the MSV-01, the **Auto power off** function is disabled.

Connecting to a Printer

1

PRINT

DPOF Printset
Direct print

MENU

Highlight **Print** from the main menu and press to display the **PRINT** menu (38).

Highlight **Direct print** using ▲ or ▼.

2

Connect to printer

CANCEL

Press . **"Connect to printer"** will be displayed.

• To return to the **PRINT** menu, press **CANCEL**.

3
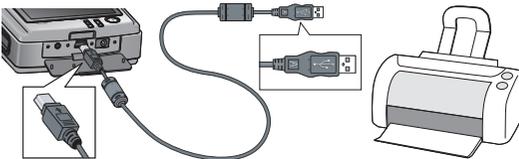
While **"Connect to printer"** is displayed on the monitor, connect the MSV-01 to a printer using the provided UC-E9 USB cable, as shown above.

4

PRINT

DPOF print
Print CF card images
Print images in HDD

DONE
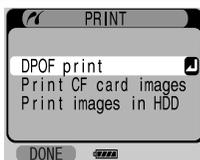
Turn the printer on. When the connection is established, the direct print menu is displayed on the monitor.

Highlight **DPOF print**, **Print CF card images** or **Print images in HDD** using ▲ or ▼.

Item	Description	
DPOF print	Print images on a memory card set for printing using **DPOF printset** function (39).	46
Print CF card images	Select and print images stored on a memory card.	45
Print images in HDD	Select and print images stored on the MSV-01.	43

✐ Before Starting Direct Printing

- Check if your printer supports direct printing via direct USB connection (PictBridge).
- Before beginning direct printing, confirm your printer settings. For information on setting the printer, refer to your printer documentation.

✐ Power Supply Source

When printing via direct USB connection, use the provided DSA-0151-05 AC adapter to maintain continuous stable power supply.
If using the battery pack, make sure it is sufficiently charged.

☑ Connecting and Disconnecting the USB Cable

- Do not connect the USB cable until "**Connect to printer**" is displayed on the monitor.
- Disconnect the USB cable only when "**Disconnect printer**" is displayed on the monitor after you have pressed **DONE** (Left button) in the direct print menu.

✐ If an Error Message is Displayed

If an error message is displayed during printing (🔓 63), check your printer connection and settings.
After solving the problem that caused the error, press **CONT**. (Right button) to resume printing.
To abort printing, press **CANCEL** (Left button).

Printing Images Stored on the MSV-01

1

| PRINT |
| DPOF print |
| Print CF card images |
| Print images in HDD ↵ |
| DONE |
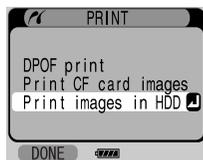
Highlight **Print images in HDD** from the direct print menu (🔓 42) using ▲ or ▼ .

2

| SELECT FOLDER |
| 20040601.001 |
| DCIM |
| 100NCD70 |
| 101NCD70 |
| CANCEL |
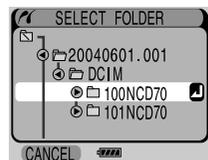
Press ↵ to display the list view. Select a folder containing images for printing.

- Use ▲ or ▼ to highlight a folder.
- Use ▶ to display a list of sub-folders inside the selected folder. Use ◀ to close the list view of sub-folders.
- To return to Step 1, press **CANCEL** (Left button).
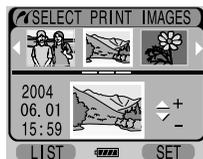
3

| SELECT PRINT IMAGES |
| 2004 06. 01 15:59 |
| LIST SET |

Press ↵ to go to the **SELECT PRINT IMAGES** screen. Use ◀ or ▶ to scroll through thumbnails of images shown in the top section of the monitor. The currently selected image is shown in the lower section of the monitor.

- To return to Step 2, press **LIST** (Left button).

4

| SELECT PRINT IMAGES |
| 2004 06. 01 15:59 |
| LIST SET |

Press ▲ (+) to select the current image for printing.

- The set number of prints is displayed on the selected images.

5

SELECT PRINT IMAGES

2004
06.01
15:59

LIST   SET

Set a number of prints for the selected image.

- Use ▲ (+) or ▼ (-) to specify the number of prints (up to 9).
- To deselect an image, press ▼ (-) when the number of prints for the image is **1**.
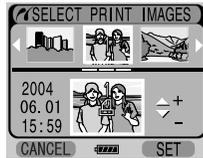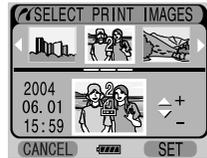- Repeat Steps 3 to 5 to select additional images.

6

CONFIRM PRINT IMAGES

BACK   PRINT

Printing…
001/010

CANCEL

Press **SET** (Right button) in Step 5 to view thumbnails of the selected images.

- Using ▲, ▼, ◀ or ▶, browse through selected images in the confirmation screen to check your selection.
- After confirming your selection, press **PRINT** (Right button) to start printing.
- To change the selection of images while in the confirmation screen, press **BACK** (Left button).
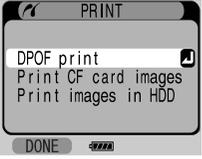- To abort printing after it has begun, press **CANCEL** (Left button).

7
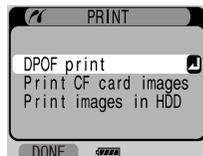
Print finished

PRINT

DPOF print
Print CF card images
Print images in HDD

DONE

When printing is complete, **"Print finished"** is displayed briefly, and then the monitor returns to the direct print menu.

To quit direct printing, see "Finishing Direct Printing" (47).

Printing Images Stored on a Memory Card

1

| PRINT |
| DPOF print |
| Print CF card images |
| Print images in HDD |
| DONE |
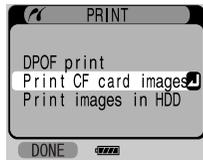
Highlight **Print CF card images** from the direct print menu (42) using ▲ or ▼ .
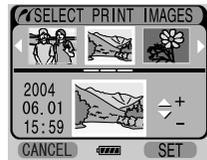
2

| SELECT PRINT IMAGES |
| 2004 06.01 15:59 |
| CANCEL   SET |

Press ↵ to go to the **SELECT PRINT IMAGES** screen. Use ◄ or ► to scroll through thumbnails of images shown in the top section of the monitor. The currently selected image is shown in the lower section of the monitor.
- To return to Step 1, press **CANCEL** (Left button).

3

| SELECT PRINT IMAGES |
| 2004 06.01 15:59 |
| CANCEL   SET |

Press ▲ (+) to select the current image for printing.
- The set number of prints is displayed on the selected images.

4

| SELECT PRINT IMAGES |
| 2004 06.01 15:59 |
| CANCEL   SET |

Set a number of prints for the selected image.
- Use ▲ (+) or ▼ (-) to specify the number of prints (up to 9).
- To deselect an image, press ▼ (-) when the number of prints is **1**.
- Repeat Steps 2 to 4 to select additional images.

5

| CONFIRM PRINT IMAGES |
| BACK   PRINT |

| Printing··· |
| 001/010 |
| CANCEL |
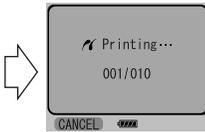
Press **SET** (Right button) in Step 4 to view thumbnails of the selected images.
- Using ▲ , ▼ , ◄ or ► , browse through selected images in the confirmation screen to check your selection.
- After confirming your selection, press **PRINT** (Right button) to start printing.
- To change the selection of images while in the confirmation screen, press **BACK** (Left button).
- To abort printing after it has begun, press **CANCEL** (Left button).

6

| Print finished |

| PRINT |
| DPOF print |
| Print CF card images |
| Print images in HDD |
| DONE |

When printing is complete, "**Print finished**" is displayed briefly, and then the monitor returns to the direct print menu.
To quit direct printing, see "Finishing Direct Printing" (47).

Printing Images Stored on a Memory Card Using DPOF Settings

Use the **DPOF print** option to print images stored on a memory card, selected using the **DPOF printset** function of the MSV-01 (39) for printing via direct USB connection.

1

PRINT
DPOF print
Print CF card images
Print images in HDD
DONE
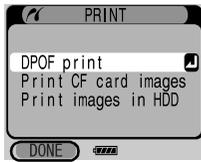
Highlight **DPOF print** from the direct print menu (42) using ▲ or ▼.

2

CONFIRM PRINT IMAGES
BACK   PRINT

Press ↵ to view thumbnails of the images set for printing using the **DPOF printset** function.

• Using ▲, ▼, ◀ or ▶, browse through images to confirm your selection.
• To return to Step 1, press **BACK** (Left button).

3
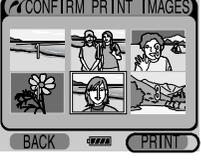
CONFIRM PRINT IMAGES
BACK   PRINT

Printing…
001/010
CANCEL

After confirming your selection, press **PRINT** (Right button) to start printing.
• To abort printing after it has begun, press **CANCEL** (Left button).

4

Print finished

PRINT
DPOF print
Print CF card images
Print images in HDD
DONE

When printing is complete, **"Print finished"** is displayed briefly, and then the monitor returns to the direct print menu.

• To quit direct printing, see "Finishing Direct Printing" (47).

📝 Direct Printing using DPOF printset

• The **DPOF print** option in the **PRINT** menu is not available, when no settings have been made using the **DPOF printset** function of the MSV-01 (38) for images on the memory card, or if the connected printer is not PictBridge/DPOF compatible.
• When printing via direct USB connection, the Shooting data will not be printed even if selected using the **DPOF printset** function.

Advanced Operation—Printing Via Direct USB Connection (PictBridge)

Finishing Direct Printing

1

PRINT
DPOF print
Print CF card images
Print images in HDD
DONE

Press **DONE** (Left button) in the direct print menu.

2

✗ Disconnect printer

"**Disconnect printer**" will be displayed. Disconnect the USB cable.

To perform direct printing again, disconnect the USB cable and then repeat the operation from Step 1 in "Connecting to a Printer" (42).

3

PRINT
DPOF Printset
Direct print
MENU

When the USB cable is disconnected, the monitor returns to the **PRINT** menu.

Press **MENU** (Left button) to return to the main menu.

Slideshow

Use this option to playback images stored on the MSV-01 hard disk drive (HDD) in an automated "slideshow" sequence at approximately 3 seconds interval (initial settings).

Highlight **Slideshow** from the main menu using ▲ or ▼, and press ⏎ to display the **SLIDESHOW** menu:

```
       MENU
Copy CF card➡HDD
Play HDD images
Play CF card images
Copy HDD➡CF card
Print
Slideshow        ⏎
SET UP  ▨  INFO.▤
```

⇨

```
      SLIDESHOW
All images in HDD ⏎
Selected folder
Selected images
Deselect images
Set Interval
MENU  ▨
```
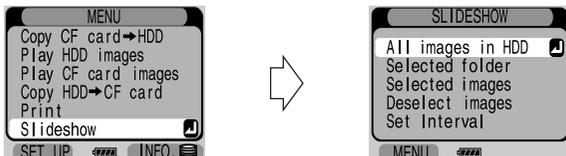
Menu Option	Description	🕐
All images in HDD	Play all images stored on the MSV-01.	48
Selected folder	Play all images in the selected folder.	49
Selected images	Play selected images in the order they were selected.	49
Deselect images	Clear the selection made using **Selected images** option.	51
Set interval	Set time interval between displayed images.	52
MENU (Left button)	Return to the main menu.	–

Playing All Images in HDD

1

```
      SLIDESHOW
All images in HDD ⏎
Selected folder
Selected images
Deselect images
Set Interval
MENU  ▨
```
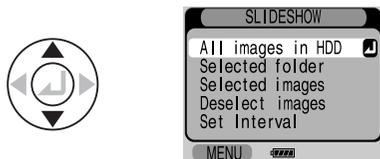
Using ▲ or ▼, highlight **All images in HDD** from the **SLIDESHOW** menu.

2

```
      SLIDESHOW


     Start        ⏎


MENU  ▨
```

Press ⏎. The slideshow starting screen will be displayed. Press ⏎ again to start the slideshow.

• On operations during the slideshow see (🕐 51).

3

After all images have been played, the monitor returns to the slideshow start screen.

• Press **MENU** (Left button) to return to the main menu.
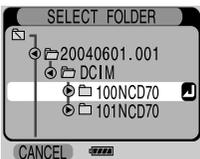• To start the slideshow again, press ⏎ .

🔍 **Viewing Images Stored on a Memory Card in a Slideshow**

To playback images stored on a memory card in a slideshow, first copy images from the memory card onto the MSV-01 hard disk (🕐 13).

✏️ **Movies**

Only the first frame is displayed for movies in the slideshow mode.

Playing All Images in a Selected Folder

1

```
        SLIDESHOW
All images in HDD
Selected folder    ↵
Selected images
Deselect images
Set Interval
MENU  ▭▭▭
```
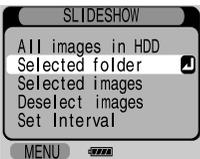
Highlight **Selected folder** from the **SLIDESHOW** menu using ▲ or ▼.
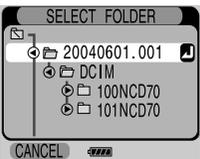
2

```
       SELECT FOLDER
▭
   ⊕▭ 20040601.001  ↵
     ⊕▭ DCIM
       ⊕▭ 100NCD70
       ⊕▭ 101NCD70
CANCEL ▭▭▭
```

Press ↵. A list of folders stored on the MSV-01 HDD will be displayed.

- Select a folder using ▲ or ▼.
- Use ▶ to open a list of sub-folders, and ◀ to close the list.

3

```
        SLIDESHOW

     Start          ↵

MENU  ▭▭▭
```
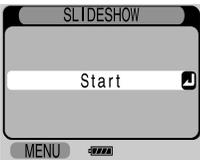
Press ↵. The slideshow start screen will be displayed. Press ↵ again to start the slideshow.

- On operations during the slideshow see (51).

4

```
        SLIDESHOW

     Start          ↵

MENU  ▭▭▭
```
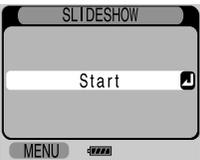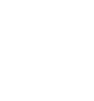
After all images have been played, the monitor returns to the slideshow start screen.

- Press **MENU** (Left button) to return to the main menu.
- To start the slideshow again, press ↵.

Playing Selected Images

1
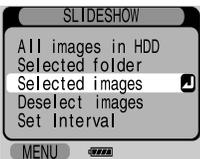
```
        SLIDESHOW
All images in HDD
Selected folder
Selected images   ↵
Deselect images
Set Interval
MENU  ▭▭▭
```

Highlight **Selected images** from the **SLIDESHOW** menu using ▲ or ▼.

2

```
       SELECT FOLDER
▭
   ⊕▭20040601.001
     ⊕▭ DCIM
       ⊕▭ 100NCD70  ↵
       ⊕▭ 101NCD70
CANCEL ▭▭▭
```

Press ↵. A list of folders stored on the MSV-01 HDD will be displayed.

- Select a folder using ▲ or ▼.
- Use ▶ to open a list of sub-folders, and ◀ to close the list.

Advanced Operation—Slideshow

3

SELECT IMAGES

2004
06. 01
15:59

ON
OFF

LIST   SET
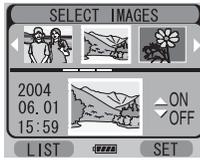
Press 🔄 to display the **SELECT IMAGES** screen.

• Press **LIST** (Left button) to return to the **SELECT FOLDER** screen.

4
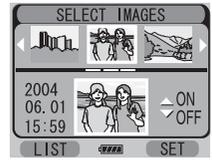
SELECT IMAGES

2004
06. 01
15:59

ON
OFF

LIST   SET

Using ◀ or ▶, scroll through images. The currently selected image is shown in the lower section of the monitor.

5

SELECT IMAGES

2004
06. 01
15:59

ON
OFF

LIST   SET
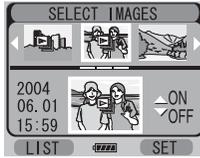
To select the currently displayed image for playing in the slideshow, press ▲ (**ON**).

• To deselect the image, press ▼ (**OFF**).
• 🖻 is displayed for the selected images.
• Repeat Steps 4 -5 to select additional images.

6

SLIDESHOW

Start

MENU
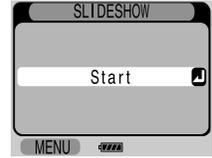
Press **SET** (Right button) to complete selection.

The slideshow start screen will be displayed. Press 🔄 to start the slideshow of the selected images in the order they were selected.

• On operations during the slideshow see (51).

7

SLIDESHOW

Start

MENU

After all images have been played, the monitor returns to the slideshow start screen.

• Press **MENU** (Left button) to return to the main menu.
• To start the slideshow again, press 🔄.

📝 **Playback Previously Selected Images in a Slideshow**

To view the slideshow of images previously selected in the **SELECT IMAGES** screen, highlight **Selected images** from the **SLIDESHOW** menu, and then press **SET** (Right button) to display the slideshow start screen.
To make a new selection of images, first reset the previous selection using the **Deselect images** option (51).

Operations During the Slideshow

When the slideshow is in progress, the following buttons are available for control.
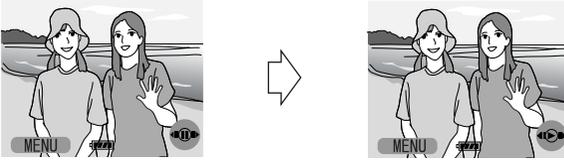
To	Press	Description
▌▌ Pause/ ▶ Resume	↵	Press ↵ to pause at the current slide or resume the slideshow, if paused.
▌▌▶ Move to the next slide	▶	When paused, press ▶ to move to the next slide.
◀▌▌ Return to the previous slide	◀	When paused, press ◀ to return to the previous slide.
Quit the slideshow	**MENU** (Left button)	Quit the slideshow.

Deselect images

Use the **Deselect images** option to reset current selection of images for the slideshow set using the **Selected images** option.

Using ▲ or ▼ highlight **Deselect images**.

Press ↵. A confirmation dialog will be displayed. Highlight **Yes** and press ↵ to reset the selection of images. Highlight **No** and press ↵ to exit without resetting.

Set interval

Use this option to set the time interval for how long each image is displayed during the slideshow.

Highlight **Set interval** from the **SLIDESHOW** menu and press ⏺ to display the **SLIDESHOW INTERVAL** screen.

```
╔════ SLIDESHOW  INTERVAL ════╗
║                             ║
║              ▲              ║
║            3s ▣             ║
║              ▼              ║
║                             ║
║  BACK    ▭                  ║
╚═════════════════════════════╝
```
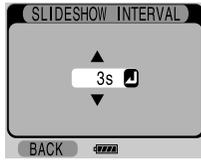
You can set the interval value in the range from **1** to **99** seconds. By default, the interval is set to **3** seconds.

Press ▲ to increase the interval by one second, or ▼ to decrease the interval by one second.

Press ⏺ to change the interval setting.

Press **BACK** (Left button) to abandon any change made.

📝 Slideshow Interval

The actual slideshow interval may differ from the selected value, depending on the image file format or size.

The SET UP Menu

The **SET UP** menu contains the following options:

Option	Description	🐰
Brightness	Adjust monitor brightness.	53
Language	Choose a language for menus and messages.	11, 54
Auto power off	Choose how long the MSV-01 will remain on before turning off automatically.	54
Video mode	Set the video output mode.	54
Format (CF card/ HDD)	Format a memory card or the MSV-01 hard disk (HDD).	55
MENU (Left button)	Return to the main menu.	–

Press **SET UP** (Left button) in the main menu to display the **SET UP** menu.

To display setting screens for each of the options in the **SET UP** menu, highlight a desired option using ▲ or ▼, and press ⏎.
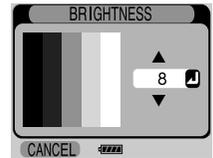
Brightness

Use this option to adjust the brightness for the MSV-01 monitor. By default, **Brightness** is set to **8**.

The striped bars in the left part of the monitor help you ensure that the full brightness range is visible.
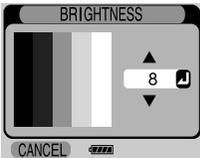
To	Press	Description
Adjust	▲ / ▼	Adjust the monitor brightness (1 to 15).
Set	⏎	Put the new brightness setting into effect.
Cancel	**CANCEL** (Left button)	Exit without changing monitor brightness.

Language

Use this option to choose the language for menus and messages (🔅 11).

```
        LANGUAGE

        Deutsch
        English        ⏎
        Español
        Français

CANCEL   📶
```
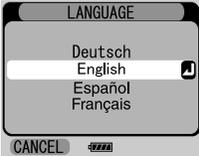
Auto power off

Set a period of inactivity before the **Auto power off** function automatically turns the MSV-01 off (🔅 10).

By default, **Auto power off** is set to **1** minute.

To disable the **Auto power off** function, select **No limit**.

```
     AUTO POWER OFF

        30s
        1m            ⏎
        5m
        30m
        No limit

CANCEL   📶
```
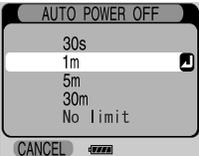
To	Press	Description
Select	▲ / ▼	Select a desired setting from thirty seconds (**30s**), one minute (**1m**), five minutes (**5m**), thirty minutes (**30m**), or **No limit**.
Set	⏎	Set the highlighted setting.
Cancel	**CANCEL** (Left button)	Exit without any change and return to the **SET UP** menu.

☑ Connecting the AC Adapter or the USB Cable

When the AC adapter or the USB cable is connected to the MSV-01, the **Auto power off** function is disabled.

Video mode

Before connecting the MSV-01 to a video device such as a television or VCR (🔅 35), choose a **Video mode** setting that matches the video standard used in the device.

```
       VIDEO MODE


        NTSC          ⏎
        PAL

CANCEL   📶
```
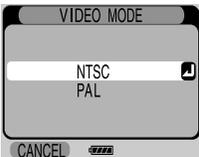
To	Press	Description
Select	▲ / ▼	Highlight required video mode. The MSV-01 supports **NTSC** and **PAL** standards.
Set	⏎	Set the highlighted video mode.
Cancel	**CANCEL** (Left button)	Exit without any change and return to the **SET UP** menu.

Format (CF Card/HDD)

Use the **Format** option from the **SET UP** menu (53) to format a memory card or the MSV-01 hard disk (HDD). Formatting memory cards or the MSV-01 HDD will delete all data they contain.

1
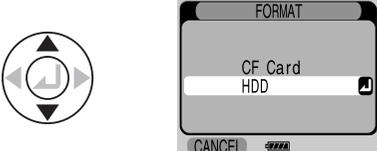
Highlight **CF Card** or **HDD** using ▲ or ▼ and press ⏎.
- To exit without formatting press **CANCEL** (Left button).

2
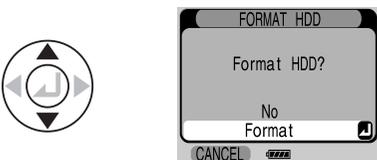
In the displayed confirmation screen highlight **Format** using ▲ or ▼ and press ⏎.
- To return to Step 1, highlight **No** and press ⏎.
- To exit without formatting press **CANCEL** (Left button).

3

In case of the HDD formatting, to begin formatting, in the displayed warning screen highlight **Format** using ▲ or ▼ and press ⏎.
- To return to Step 1, highlight **No** and press ⏎.

4
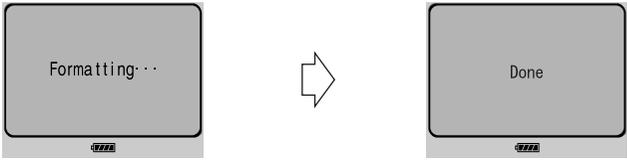
Formatting···   Done

While formatting is in progress, "**Formatting...**" is displayed.

When formatting is complete, "**Done**" is displayed briefly and the monitor returns to the **SET UP** menu.

☑ Before Formatting

- Formatting memory cards or the MSV-01 HDD will delete all data they contain, including pictures hidden or protected with the camera and any other data that may be on the card or the MSV-01 HDD.
- Before formatting a memory card, be sure to copy any pictures you would like to keep to the MSV-01 or a computer.
- Before formatting the MSV-01 HDD, be sure to copy any pictures you would like to keep to a computer or other storage media.

☑ During Formatting

Do not remove the battery pack or memory card, or unplug the AC adapter while formatting is in progress.

The INFORMATION Screen

Displaying Memory Information

This screen shows the remaining free memory space in, and the total capacities of, the MSV-01 internal hard disk drive (HDD) and memory cards.

Use this screen to check the memory capacity before copying new data.

To display the information, press **INFO.** (Right button) in the main menu.

```
       MENU
Copy CF card➡HDD   ◢
Play HDD images
Play CF card images
Copy HDD➡CF card
Print
Slideshow
 SET UP  ▥▥  INFO.▤
```

```
     INFORMATION
Firmware  Ver.1.00
HDD Free     5.0GB  ▤
     Total   27.9GB
CF  Free     3.0MB  ▭
     Total  256.0MB
      ▥▥   MENU
```
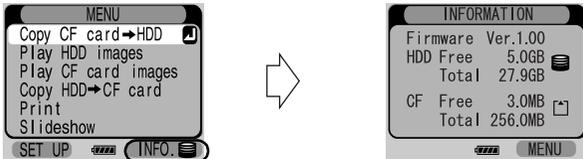
Firmware ver.	The current firmware version of the MSV-01.
HDD Free/Total	Free space on/Total capacity of the MSV-01 hard disk drive.
CF Free/Total	Free space on/Total capacity of the inserted memory card.

• Press **MENU** (Right button) to return to the main menu.

🖉 Free Space Requirements

To complete copying to a memory card or internal HDD, free space larger than the size of the data being copied is required. The data cannot be copied if it exceeds the available free space in the copy destination.

When there is no enough free space, delete (🔧 24) unnecessary files to create more free space.

Technical Notes

Optional Accessories

At the time of writing, the following optional accessories were available for the COOLWALKER MSV-01. Contact your retailer or Nikon local representative for details.

- Optional battery pack: EN-EL6 Rechargeable Lithium-ion Polymer Battery

Approved Memory Cards

The following cards have been tested and approved for use with the COOLWALKER MSV-01:

CompactFlash™ Memory Cards

SanDisk	SDCFB	16MB, 48MB, 80MB, 96MB, 128MB, 160MB, 256MB, 512MB, 1GB
	SDCFB (Type II)	192MB, 300MB
	SDCF2B (Type II)	256MB
	SDCFH (Ultra)	128MB, 192MB, 256MB, 384MB, 512MB, 1GB
	SDCFX (Ultra II)	256MB
	SDCFX	512MB, 1GB
Lexar Media	4 x USB	16MB, 32MB, 64MB
	8 x USB	16MB, 32MB, 48MB, 64MB, 80MB
	10 x USB	160MB
	12 x USB	64MB, 128MB, 192MB, 256MB, 512MB
	16 x USB	192MB, 256MB, 320MB, 512MB, 640MB, 1GB
	24 x USB	256MB, 512MB
	24 x WA USB	256MB, 512MB
	32 x WA USB	1GB
	40 x WA USB	256MB, 512MB, 1GB, 2GB, 4GB
Renesas Technology (Hitachi)	Compact FLASH HB28 C8x	16MB, 32MB
Microdrive	DSCM	512MB, 1GB
	3K4	2GB, 4GB

Operation is not guaranteed with other makes of cards. For more details on the above cards, please contact the manufacturer.

The latest information on memory cards approved for use with the MSV-01 can be found at the Nikon websites (vi).

Caring for Your COOLWALKER MSV-01

To ensure continued enjoyment of your Nikon product, observe the following precautions when storing or using the device:

Cautions

☑ **This product is a high-precision device containing internal hard disk. It requires careful handling.**
Damage to the hard disk will not only require high repair expenses, but can also cause corruption or irreversible loss of the stored data.

- Do not subject to strong shocks or impacts. Be careful not to drop or subject the device to strong shocks, as this may cause damage to the device and loss or corruption of the data stored on the hard disk.

- Use the device on stable flat surfaces, such as on a flat table, taking care not to drop the device or memory cards. Be especially careful when inserting or removing memory cards.

- Do not expose the device to shocks or vibration during operation.
It may damage the internal hard disk and cause corruption or loss of the data stored on the hard disk.

- Do not remove memory cards, USB cables or the AC adapter or turn the power off during operation.
It may cause corruption or loss of the data stored on the hard disk. To prevent an accidental disconnection of the AC adapter or USB cable, avoid carrying the product from one place to another when the cables are connected.

- Keep away from strong magnetic fields.
Do not use or store this device in the vicinity of equipment that generates strong electromagnetic radiation or magnetic fields. Strong static charges or the magnetic fields produced by equipment such as radio transmitters could cause corruption or loss of the data stored on the hard disk, or malfunction.

- Do not use or leave the device in locations where static electricity or interference occurs. Static electricity or interference may cause damage to the device, loss or corruption of the data stored on the hard disk.

- Static electricity may be generated in your body or cloths. Touch a metal doornob or another metal object to discharge static electricity from your body before handling the device.
Static electricity may cause damage to the device, loss or corruption of the data stored on the hard disk.

- When there is the possibility of thunder, unplug all cables and the AC adapter. Thunder may cause damage to the device, loss or corruption of the data stored on the hard disk. If it thunders during use, be careful not to touch the power plug and stop using the device till the thunderstorm stops.

- Do not use or leave the device in locations exposed to excessive dust.
Excessive dust may cause damage to the device, loss or corruption of the data stored on the hard disk.

- Follow all precautions or instructions when connecting the device to a computer.
When connecting the unit to a computer, be careful to observe any precautions or instructions provided by the manufacturer of your computer or peripheral devices.

- Do not use at heights exceeding 2,500 m (8,202 ft) above sea level.

☑ **Ensure that your data is backed up using another recording medium**
Note, that Nikon will not be held responsible for any deletion, loss or corruption of data. You are advised to create a backup of important data stored on the internal hard disk of the device using an alternative recording medium.
Data stored on the hard-disk of this product could be lost or damaged in the following instances:

  - If the product is used incorrectly
  - If the product is exposed to static or noise
  - During malfunction and repair
  - If the product is subject to damage caused by natural disasters

Nikon hereby gives notice that it will not be held liable for any damages resulting from the loss or corruption of data in the above or any circumstances.

☑ Make a backup of your data if submitting this product for repair
All data stored on the hard disk may be erased during repair.
Be sure to make a backup of the data stored on the hard disk before submitting the device for repair.
Be sure to remove a memory card and keep it in a safe place.

☑ Do not use, transport or store the device with the battery pack removed
Failure to observe this precaution could result in malfunctions or damage the MSV-01.

☑ Keep dry
The device will be damaged if immersed in water or exposed to high levels of moisture.

☑ Do not touch the device with wet hands
Failure to observe this precaution could result in malfunctions or damage to the MSV-01.

☑ Avoid sudden changes in temperature
Sudden changes in temperature, such as occur when entering or leaving a heated building on a cold day, can cause condensation inside the device. To prevent condensation, place the device in a carrying case or a plastic bag before exposing it to sudden changes in temperature.

☑ Do not apply excessive force
Do not apply excessive force to the device, connector, or card slot. These parts are especially susceptible to damage.

☑ Do not leave a card in the memory card slot
Do not leave a card in the memory card slot when transporting or carrying the device. It may cause damage to the device.
When not using the card slot or cable connector, be sure to close their covers.

☑ Do not carry or transport the device while turned on
Do not insert the unit in the soft case, leave it unattended or carry it around while turned on.

☑ Turn the device off before removing or disconnecting the power source
Do not unplug the product or remove the battery pack while the product is on, or while images are being recorded or deleted. Forcibly cutting power in these circumstances could result in loss of data or in damage to the hard disk or internal circuitry. To prevent an accidental interruption of power, avoid carrying the product from one place to another while the AC adapter is connected.

☑ Transferring ownership or disposing of this product

• Remember that any data you have recorded could end up being reused and distributed to others when you transfer ownership or dispose of the unit, memory cards and other recording media.

• Although data recorded on the internal hard-disk appears to be removed by selecting "Delete" or "Format" from the menu in the unit's operation screen, remember that this data may be recovered using special software programs and other such methods.

☑ Incorrect use of the AC adapter may cause an electric shock, fire or damage to the device. Be sure to read and follow safety warnings and cautions provided in the "For your safety" section of this manual, together with the handling instructions provided below.

• When not using AC adapter, disconnect it from the device, then unplug it from the power outlet.

• Before connecting or removing AC adapter, make sure that the device is turned off.

• Be sure to hold the plug body when removing the AC adapter, do not pull the cord.

• Do not short the DC plug.

• Do not apply excessive force to the AC adapter while it is connected to the device.

Technical Notes—Caring for Your COOLWALKER MSV-01

📝 Batteries

Charge the battery pack of the main unit before using.

- Rechargeable Lithium-ion Polymer Battery EN-EL6 is used as the main unit battery pack.
- Connect the AC adapter and charge the rechargeable battery pack before using the device. The supplied rechargeable battery pack is only partially charged and needs recharging before using it for the first time.
- After long periods during which the battery pack has not been used, the battery pack should be charged before using it.
- When recharging, ambient temperature should be in the vicinity of 5°C to 35°C (41°F to 95°F)
- It is normal for batteries to warm up during charging or use. This does not indicate a malfunction or deterioration of battery pack performance.

Battery level indication

- Confirm the battery level on the monitor after turning the device on.
- Please note, that as a characteristic common for all batteries, after turning power off and on, the battery indicator may show a sufficient level even when the battery is low.

Carrying a spare battery pack

- It is recommended that you carry a fully-charged spare battery pack when using the device in locations where there is no AC power source available. You may find it difficult to charge the battery or to purchase replacement battery packs at short notice. Use only the specified Rechargeable Lithium-ion Polymer Battery EN-EL6.
- When removing or attaching the battery pack, always observe the correct procedure described in this manual to avoid damaging the battery terminals.
- Avoid touching the battery pack terminals to prevent them from becoming dirty.
- If the battery terminals become dirty, wipe them with a soft, dry cloth before use.

Important!

When storing or transporting a spare battery pack removed from the MSV-01, be sure to place it in the supplied case to avoid shorting the battery terminals. Failure to observe this precaution could result in leakage, overheating, rupture, or other damage to the battery pack.

Using batteries at low temperatures

- On cold days, the capacity of batteries tends to decrease. Be sure that the battery pack is fully charged before heading outside to use in cold weather. Keep the battery pack and the equipment in a warm place. Once warmed, a cold battery pack may recover some of its charge.
- At low temperatures the battery operating time will be shorter than usual.

Used batteries are a valuable resource. Please recycle used batteries in accordance with local regulations.

Cleaning

Body

Use a blower to remove dust and lint, then wipe gently with a soft, dry cloth.

After using your MSV-01 at the beach or sea-side, wipe off any sand or salt with a cloth lightly dampened with fresh water, then dry thoroughly.

LCD Monitor

Remove dust or lint with a blower. To remove fingerprints and other stains, clean the monitor with a soft, dry cloth, being careful not to apply excessive pressure.

☑ Avoid contact with liquid crystal

Should the monitor break, care should be taken to avoid injury due to broken glass and to prevent the liquid crystal from the monitor touching the skin or entering the eyes or mouth.

Do not use alcohol, thinner, or other volatile chemicals.

📝 Notes on the LCD Monitor

• The monitor may contain a few pixels that are always lit or that do not light. This is a charac-teristic common to all TFT LCD displays, and does not indicate a malfunction.

• Images in the monitor may be difficult to see in a bright light.

• The monitor is lit by an LED backlight. Should the monitor begin to dim or flicker, contact your Nikon service representative.

Storage

Turn the MSV-01 off and remove the AC adapter when not in use.

Be sure to close the memory card slot and inter-face connector covers and keep the MSV-01 main unit in the provided soft case.

Do not store the products in locations that:

• are poorly ventilated or damp

• are next to equipment that produces strong electromagnetic fields, such as tele-visions or radios

• are exposed to static electricity

• are exposed to vibrations

• are exposed to excessive moisture or humidity

• are exposed to risk of short circuits

• are exposed to excessive dust

• are exposed to temperatures below -10°C (14°F) or above 45°C (113°F)

• are subject to humidities of over 60%

To prevent deterioration of battery pack performance, it is recommended that the product be stored in dry locations with an ambient temperature of 15 - 25°C (59-77°F).

When storing the MSV-01 for long periods, charge the battery pack and remove the battery from the remote control unit before putting it away.

Error Messages

This section lists the error messages that appear on the monitor when there is a problem with the MSV-01. Consult the list below before contacting your retailer or Nikon representative.

Display	Problem	Solution	☒
CARD IS NOT FORMATTED	Memory card has not been formatted for use in camera or MSV-01.	Format card using your camera.	–
NO CARD PRESENT	MSV-01 cannot detect memory card.	Turn power off and confirm that memory card is correctly inserted.	12
THIS CARD CANNOT BE USED CARD ERROR	• Error accessing memory card. • Memory card has not been formatted for use in camera or MSV-01.	• Use approved memory card. • Check that contacts are clean. If card is damaged, contact your retailer or Nikon representative. • Format memory card using your camera.	57 – –
LAST CARD MAY NOT BE COPIED CORRECTLY.	Copy process interrupted.	Repeat copy operation to try again.	13 36
DISK FULL. COPY HAS NOT COMPLETED.	Insufficient space to record data on hard disk (HDD).	Create space by deleting files and folders you do not need from HDD.	24
CARD FULL. COPY HAS NOT COMPLETED.	Insufficient space to record data on memory card.	• Create space by deleting files and folders you do not need from memory card. • Insert new memory card.	24 –
CANNOT PASTE A FOLDER TO ITSELF.	Source and destination folders are same.	Choose another destination folder.	25 26
SAME FILE NAME EXISTS. OVERWRITE?	File with same name already exists in destination folder.	Overwriting will delete existing file. Deleted files cannot be restored. If you are not sure, press **CANCEL** (Left button).	25 26
THE NAME CANNOT BE USED.	• File or folder name contains only space(s). • File or folder name begins with space or period.	Enter alphabet or numbers for a new file or folder name.	27 28

Technical Notes—Error Messages

Display	Problem	Solution	🖨
NO IMAGE FILE EXISTS.	Folder(s) selected for playback contain(s) no supported images.	• Select a folder containing images from list view or thumbnail playback mode. • Insert memory card containing images, or copy images to MSV-01 HDD. • The image cannot be displayed on MSV-01. View file on computer or camera used for shooting.	–
			13
CANNOT DISPLAY	• MSV-01 does not support this file format. • Image size exceeds supported dimensions.		–
CARD FORMAT ERROR	Error has occurred during formatting memory card.	Try to format card again. If error persists, contact your retailer or Nikon representative.	55
HDD FORMAT ERROR	Error has occurred during formatting HDD.	Try to format hard disk again. If error persists, contact your retailer or Nikon representative.	55
UNSUPPORTED FILE FORMAT	Your printer does not support this file format.	Check your printer specification and image file format.	–
INK LOW	Ink low	Check printer. Press **Cont.** (Right button) to continue printing	43
OUT OF INK	No ink	Check printer. For solutions see operation manual of your printer.	–
OUT OF PAPER	Paper tray empty	Check printer. For solutions see operation manual of your printer.	–
INCORRECT PAPER SIZE	Paper size selected is different from paper tray detected	Check printer. For solutions see operation manual of your printer.	–
PAPER JAM	Paper jam	Check printer. For solutions see operation manual of your printer.	–
CHECK PRINTER CONNECTION.	Printer communication error	Check USB cable connection. Make sure that printer is turned on.	42
UNKNOWN PRINT ERROR	Unknown error occurred during printing	Check printer. For solutions see operation manual of your printer.	–
CONNECT AC ADAPTER AND TRY AGAIN.	No power supply from AC adapter.	Check AC adapter connection and repeat last operation.	–

✔ When the Power-on Lamp Blinks with Red

When the power-on lamp blinks with red, this indicates that a charging error has occurred.

Disconnect the AC adapter from the MSV-01 and the power outlet. Clean the plugs and re-connect the AC adapter.

If the error persists, contact your retailer or Nikon representative.

Troubleshooting

If your MSV-01 fails to function as expected, check the list of common problems below before consulting your retailer or Nikon representative.

Refer to the page numbers listed in the right-most column for information on solving the problems listed here.

📝 **Electronically-controlled devices**

In extremely rare instances, the MSV-01 may fall in unoperatable state (freeze during operation). Press the power switch to turn the MSV-01 off.

- **If the MSV-01 does not go off even when you press the power switch, you may need to reset the MSV-01.**

  To reset the unit, simultaneously press and hold down the power switch and right function button for several seconds.

  * Note that resetting the unit as described above may result in the loss or corruption of any data not yet recorded to the memory card or hard disk at the time the problem occurred.

- **If the problem persists, perform the following steps:**
  1 Disconnect the AC adapter from the MSV-01 (if connected).
  2 Remove and re-attach the battery pack.
     When the MSV-01 is used on battery power for an extended period, the battery pack may become hot. Be careful to avoid burns.
  3 Turn the MSV-01 on again.

  In the event of continued malfunction, contact your retailer or Nikon representative. Note that disconnecting the power source as described above may result in the loss of any data not yet recorded to the memory card or hard disk at the time the problem occurred.

Problem	Possible Cause	👹
LCD monitor is blank	• The MSV-01 is off.	10
	• Battery pack is not correctly inserted or battery contacts are covered with insulating tape.	8
	• Battery is exhausted.	10
	• AC adapter is not correctly connected.	9
	• A/V cable is connected to the MSV-01.	35
MSV-01 turns off without warning	• MSV-01 is turned off with **Auto power off** function.	54
	• Battery is low.	10
	• Battery is cold.	60
Monitor is hard to read	• Ambient lighting is too bright: move to a darker location.	–
	• Monitor brightness needs adjustment.	53
	• Monitor is dirty: clean monitor.	61
Computer does not recognize MSV-01	• MSV-01 is off.	10
	• AC adapter is not correctly connected.	9
	• Battery is low.	10
	• USB cable is not correctly connected.	32
	• COOLWALKER MSV-01 USB driver is not installed on computer (Windows 98 SE only): install software from supplied CD.	30

✅ **If You Hear an Unusual Noise from the Main Unit**

If you hear any kind of unusual rattling or grinding sound coming from the internal HDD during operation, it is possible that its operating life is coming to end.

Create a backup of the data stored on the internal hard disk of the device using an alternative recording medium, and contact your retailer or Nikon representative.

Specifications

Type	Digital Photo Storage Viewer MSV-01	
Storage media	Type	2.5" internal HDD
	Storage Capacity	30GB (1 KB = 1000 Bytes) *1
Supported memory card types	Type I and II CompactFlash™ memory cards; Microdrives	
Monitor	2.5", 490 (H) x 240 (V) dots, TFT LCD Monitor with brightness adjustment	
Display languages (Menus)	German, English, Spanish and French	
Supported file formats	Compliant with the Design rule for Camera File System (DCF) standard formats: JPEG, TIFF, NEF (RAW) *2, QuickTime (MOV)*3, *4, Wave Format Audio File (WAV)*3, *5 The product supports the above file formats recorded with Nikon Digital cameras.	
Playback modes	Thumbnail, Full-screen playback, Zoom (JPEG images only): X2, X4, X8, Slideshow, Movie playback, Histogram display, Shooting information display, Search by file creation date	
Video output	Can be selected from NTSC and PAL.	
Interface	USB • Mass Storage: functions as computer's external HDD or a CF card reader • PictBridge support: can be connected via USB to a PictBridge standard printer	
I/O terminals	Type II CompactFlash™ (CF card slot) x 1, USB (mini) x 1, Audio/Video output x 1, DC in x 1	
Power sources	• Rechargeable Lithium-ion Polymer Battery EN-EL6 (main unit battery pack) • AC adapter DSA-0151F-05 (supplied)	
Power consumption	Max. 9W (peak time)	
Approximate Battery Life	1.5 hours (Measured at 20 °C/68 °F with fully-charged battery pack)	
Dimensions (W x H x D)	Approximately 81 x 130 x 35 mm (3.2" x 5.1" x 1.4")	
Weight	Approximately 300g (including battery pack)	
Operating environment:		
Temperature	5-40 °C (41-104 °F)	
Humidity	10-90% (no condensation)	
Altitude	Less than 2,500 m (8,202 ft) (above sea level)	

Technical Notes—Specifications

Computer system requirements	• Interface: built-in USB ports (The MSV-01 may not function as expected when connected to a USB hub.) • Operating system: Windows XP Home Edition/Professional, Windows 2000 Professional, Windows Millennium Edition (Me), Windows 98 Second Edition (SE) *6; Mac OS 9.1 - 9.2, Mac OS X (Version 10.1.2 or later). Only preinstalled versions are supported.
Set DPOF Print Order function	Equipped with function that allows setting DPOF Print Order for DCF standard compliant images stored on a CF memory card (JPEG images only).

*1: Maximum capacity. (1 KB = 1024 Bytes: 27.9 GB.)

*2: The MSV-01 supports playback of JPEG preview images within NEF (Nikon Electronic Image Format) images recorded with Nikon digital cameras (D1X, D1H, D2H, D100, D70, COOLPIX 5000/5700/8700). The latest information on image data supported for playback can be found at the Nikon websites (vi).

*3: Audio video equipment with an appropriate input required to play audio.

*4: The MSV-01 supports movies bigger than "Small size 320" and smaller than "TV movie 640" captured at up to 15 frames per second, and "Small size 320" or smaller size movies captured at up to 30 frames per second.

*5: Only voice memo attached to images using digital cameras.

*6: CD-ROM drive is required for COOLWALKER MSV-01 USB driver installation (Windows 98 SE only).

Remote Control Unit

Type	Infrared Remote Control Unit
Operating distance	Approximately 5 m (16.4 ft) (without obstacles)
Power source	3V, CR2025 Lithium Battery
Dimensions (W x H x D)	Approximately 41 x 87 x 7 mm (1.6" x 3.4" x 0.3")
Weight	Approximately 17g (without battery)

AC Adapter DSA-0151F-05 (produced by Dee Van Enterprise Co., Ltd.)

Input	AC 100-240 V, 50/60 Hz, 0.4 A
Input capacity	46 W
Output	DC +5 V, 2.8 A
Dimensions (W x H x D)	Approximately 53 x 81 x 42 mm (2.1" x 3.2" x 1.7") (excepting protruding parts and cord)
Power cord length	Approximately 1.8 m (5.9 ft)
Weight	Approximately 197 g (including cord)

Design rule for Camera File system (DCF)

The Design Rule for Camera File System (DCF) is a standard widely used in the digital devices industry to ensure compatibility among different makes of devices.

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Nikon

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